

Testing and Analytical facilities available under the Ministry of Science and Technology						
Institution	Test Field	Available testing facility/Parameters	Accreditation status	Established international acceptance(if any)	Duration taken to issue the certificate /report	Contact details
Arthur C Clarke Institute for Modern Technologies (ACCIMT)	Surge Protection	Surge simulation	No	No	01 week	1) Ms.Janaki Athuraliya Director (Electronic Engineering) 2)Ms.Oshadi Thalpwila Research Engineer Address:Katubedda,Moratuwa Phone No : +94 11 26508 Email : info@accimt.ac.lk
	Safety Testing of Electrical Equipment and Surge Protective Devices	HI-Pot/Dielectric Strength / Dielectric withstand Test(AC or DC)	No	No	01 week	
		Insulation Resistance				
		Ground Bond				
	Electrical	Batteries	No	No	02 months	
		Plugs and switched and unswitched socket outlets	No	No	01 month	
		Trailer Sockets	No	No	01 month	
		Switches	No	No	01 month	
		USB Testing	No	No	01 month	
		Multi Sockets	No	No	01 month	
		Lamp Holders	No	No	01 month	
		Cables	No	No	01 week	
		RCCB	No	No	01 month	
		MCB	No	No	01 month	
	RCBO	No	No	01 month		
Instrumentation	Calibration	No	No	03 weeks		
Radio Frequency	Antenna and coaxial cable	No	No	02 weeks		
Ethernet Cable certification	Cat 5, Cat 6 cables	No	No	02 weeks		
Radio Frequency consultancy services	Field strength, Interference, Mobile base station, Radiation, TV Radio Broadcasting (Ad Hoc)	No	No	02 weeks		
National Engineering Research and Development Centre (NERDC)	Electrical	Lamp Testing	Yes	ISO 17025, SLS 1530	03 days	Eng. Kamal L Meedeniya (Director/Business Industrial Estate) Address:Ekala, Ja Ela Phone No : 071 0177 867/ 011 2243763 Fax : 011 2233153 Email : meedeniya@nerdc.lk
		Ingress Protection (IP) Testing facility	No	SLS 963	05 days	
		Electric Motors Testing	No	IE 1, IE 2, IE 3 & IE 4	03 days	
	Environment	Environmental laboratory testing (Noise)	Yes	ISO 17025	02 weeks	
		Environmental laboratory testing (Air quality)	Yes	ISO 17025	02 weeks	
		Environmental laboratory testing (Waste water)	Yes	IE1, IE2, IE3, IE4, ISO 17025	02 weeks	
		Lux meter calibration	No	No	01 week	
	Energy	Refrigerator Laboratory Testing	Yes	ISO 17025	02 weeks	
	Automobile	Automobile Batteries Testing	No	SLS 1126	10 weeks	
	Water pumps	Water pumps performance testing facility	No	SLS 1786	02 days	

	Civil	Construction Materials Testing	No	BS 8110, SLS 855, BS 1377	02 weeks	
National Institute of Fundamental Studies (NIFS)	CHN analyzer	Carbon, Nitrogen, Hydrogen	No	No	01 week	Eng. W.D.S.P.Perera (Laboratory Manager) Address: National Institute of Fundamental Studies, Hantana Road, Kandy, Phone No (+94) 81 223 2002 Extension : 142 Mobile : (+94) 71 388 0739 Email : labmanager@nifs.ac.lk Web : www.nifs.ac.lk
	FTIR	Functional groups in a sample	No	No	Immediately (reading without sample preparations)	
	UV-visible spectrophotometer	Absorbance, transmittance, reflectance	No	No	Immediately (reading without sample preparations)	
	ICP-OES	Heavy metal analysis	No	No	07 days	
	XRD	Powder XRD	No	No	02 days	
	BET	1-point and multy-point BET	No	No	03 days	
	Gas Chromatography	CO ₂ , Methane ,N ₂ O,C ₂ H ₂ ,C ₂ H ₄	No	No	02 weeks	
	Microscope	Observation and photography	No	No	02 days	
	Rotavapor	Construction of extraction	No	No	01 week	
	Soxhlet Extractor	Fat percentages analysis	No	No	02 days	
	Raman Spectroscope analyzer	Raman system (brand: Renishaw) is equipped with two laser excitation wavelengths: 514 nm and 785 nm ;suitable for analyzing vibrational modes of materials, identifying molecular structures, and characterizing carbon-based materials (e.g. graphite, graphene, carbon nanotubes), semiconductors, and inorganic compounds	No	No	5 –7 working days	
	Microwave digestion (ICP-OES sample preparation)	Microwave digestion system for preparation of solid/liquid samples prior to ICP-OES.Applicable parameters: trace, major metals (e.g., Ca, Mg, Na,K, Pb, Cd, Cr, Ni, As, Zn, Cu, Fe, Mn, etc.) and Rare Earth elements (e.g. Ce, Dy, Er, Eu, Gd, Ho, La, Lu and Nd, etc.)	No	No	7–14 working days (depending on sample load and complexity).	
	Microwave digestion (Flame AAS or analytical grade analysis)	Microwave digestion system for preparation of samples prior to Flame AAS.Parameters measurable: trace and major metals (Ca, Mg, Na, K, Fe, Cu, Zn,Mn, etc.)Suitable for water, beverages, fertilizers, and biological/food samples.	No	No	Typically, 7–14 working days after sample submission (depending on sample load and complexity).	

Sri Lanka Institute of Nanotechnology (SLINTEC)	Edible Oils, Spices, Cereals and Animal feeds	Aflatoxin B1 and G1	Yes	ISO 17025	03-05 days	Ms. Wasana Karunaratne – Laboratory Assistant Manager Address: Sri Lanka Institute of Nanotechnology & Science Park Mahenwatta, Pitipana, Homagama 10200, Phone No: 0703705689 Email: wasanak@slintec.lk / vimukthih@slintec.lk
	Edible Oils, Spices, Cereals and Animal feeds	Aflatoxin B2 and G2	Yes	ISO 17025	03-05 days	
	Edible Oils, Spices Cereals and Animal feeds	Total Aflatoxin	Yes	ISO 17025	03-05 days	
	Fats and edible oils	Phthalates -DMP/DEHP/DBP/DNOP	Yes	ISO 17025	03-05 days	
	Fats and edible oils	Phthalates -DIDP/DINP	Yes	ISO 17025	03-05 days	
	Beverages	Phthalates -DMP/DEHP/DBP/DNOP	Yes	ISO 17025	03-05 days	
		Phthalates -DIDP/DINP	Yes	ISO 17025	03-05 days	
	Milk and milk products	Salt	Yes	ISO 17025	03 days	
		Total Sugar	Yes	ISO 17025	05 days	
	Sugar confectionary, Cereals and Biscuits	Total Sugar	Yes	ISO 17025	05 days	
	Sugar confectionary	Fat	Yes	ISO 17025	05 days	
	Cereals and Biscuits	Fat	Yes	ISO 17025	05 days	
	Elemental Analysis	Analysis of volatile organic compounds, xanthenes and amino acids	N/A	N/A	03-05 days	
		Fatty acid Analysis	N/A	N/A	03-05 days	
		X-Ray Fluorescence	N/A	N/A	03-05 days	
	Imaging	Inductively Coupled Plasma- Mass Spectrometry	N/A	N/A	03-05 days	
		C,H,N	N/A	N/A	03-05 days	
		Scanning Electron Microscope	N/A	N/A	03-05 days	
		Atomic Force Microscope	N/A	N/A	03-05 days	
	Other Techniques	Transmission Electron Microscope	N/A	N/A	03-05 days	
		Optical Microscopes	N/A	N/A	03-05 days	
		UV-VIS Spectrophotometer	N/A	N/A	03-05 days	
		Fourier Transform Infrared Spectroscopy	N/A	N/A	03-05 days	
		Nuclear Magnetic Resonance Spectroscopy	N/A	N/A	03-05 days	
		Raman Microscope Spectrometer	N/A	N/A	03-05 days	
		X-RAY Diffractometer	N/A	N/A	03-05 days	
		X-RAY Photoelectron Spectrometer	N/A	N/A	03-05 days	
		Differential Scanning Calorimetry	N/A	N/A	03-05 days	
		Dynamic Mechanical Analyzer	N/A	N/A	03-05 days	
		Internal Mixer	N/A	N/A	03-05 days	
Rheometer		N/A	N/A	03-05 days		
Tensiometer (Tensile testing machine)		N/A	N/A	03-05 days		
BET (Brunauer-Emmett-Teller)		N/A	N/A	03-05 days		
Particle Size Analysis	GC Coupled with MS, ECD, FID and Headspace	N/A	N/A	03-05 days		

		HPLC Coupled With MS, HPLC Coupled with FLD , RID and PAD Detectors	N/A	N/A	03-05 days	
	Thermal Analysis	Particle Size Analyzer (Nano Meter Range)	N/A	N/A	03-05 days	
		Particle Size Analyzer (Micro Meter Range)	N/A	N/A	03-05 days	
		Thermogravimetric Analysis	N/A	N/A	03-05 days	
	Microbiology testing	Freeze dryer	No	No	07 days (or per agreed protocol)	
		Contact Angle Measurement System	No	No	03-05 days	
		Antibacterial and antifungal activity testing of industrial materials	No	No	2–3 weeks	
		Microbial sterility testing and bacterial endotoxin testing	No	No	on demand	
Sri Lanka Institute of Biotechnology (SLIBTEC)	Immunology	Testing Facilities: i. Immunology Laboratory Testing Parameters: i. Flowcytometric analysis (Flowcytometer: model: Cytex-Nothorn Lights):enabling precise 38-channel detection. ii. Other immunodiagnosics testing: ELISA, RAT development (on request) iii. Multimode Plate Reader analysis	In the process of implementing ISO 15189 and ISO 17025 along with GLP	Yes	Depends on the request (type of the test, number of samples and etc.)	Ms.Amali Ranasinghe (Chief Operating Officer) Address:SLIBTEC Phase I Building, Mahenwatte, Thalagala Road, Pitipana, Homagama Phone No:0113431844 Email:info@slibtec.gov.lk
	Omics and Bioinformatics Services	Testing Facilities: i.Instrumentation Core Facility: consists of 03 laboratories a. Pre-PCR Laboratory b. Post-PCR Laboratory c. Sequencing Laboratory ii.Bioinformatics Laboratory Testing Parameters: i. Exome sequencing and Whole Genome Sequencing for a maximum coverage of 30x (Human, Animal, Plant and Microbial) ii. Metagenomics iii.Transcriptomics	In the process of implementing ISO 15189 and ISO 17025 along with GLP; Symultaneously in the process of obtaining WHO pre qualification laboratory status	In the process of implementing WHO pre qualification	Depends on the request (type of the test, number of samples and etc.)	

	Disease Diagnostic Services (Human Related)	<p>Testing Facilities: i. Disease Diagnostic Services Laboratory</p> <p>Testing Parameters: The PCR based molecular diagnostic services related to</p> <p>i. Dengue virus ii. Chikungunya virus iii. Human metapneumovirus iv. Adenovirus v. Covid vi. Leprosy vii. Leishmaniasis viii. Human Papilloma Virus (HPV) ix. Leptospirosis x. Triplet repeat Disorders xi. Neuromuscular Disorders xii. Thrombolytic Panel</p>	In the process of implementing WHO pre qualification together with ISO 15189, ISO 17025 and GLP	In the process of implementing WHO pre qualification	depends on the request (type of the test, number of samples and etc.)	
	Agrobiotech	<p>Testing Facilities: i. Agrobiotech - Microbiology Laboratory ii. Agrobiotech - Molecular Laboratory iii. Plant Tissue Culture Facility- (Infrastructural modifications - in progress)</p> <p>Testing Parameters: i. Plant related diagnostics services (disease diagnostics and quarantine pathogen diagnostics)</p>	In the process of implementing ISO 17025 and GLP	Yes	depends on the request (type of the test, number of samples and etc.)	
Sri Lanka Standards Institutions (SLSI)	Electrical & Electronics Laboratory					<p>Mr.S .H. S. Mahagama, Director (Laboratory Services), Address :No. 17, Victoria Place, Elvitigala Mawatha, Colombo 08 Phone No: 112670730 Email : dl@sisi.lk / mahagama@sisi.lk</p>
	Electrical	LED Minimum Energy Performance	Yes	Yes	3 hours	
		LED Performance	Yes	Yes	3 hours	
		LED Safety	No	No	06 days	
		CFL Minimum Energy Performance	Yes	Yes	15-20 days	
		CFL Safety	No	No	04 days	
		Electric Fan Performance and Safety	No	No	08 days	
		Electric Ceiling fan 1400 mm Energy	No	No	03 days	
		Electric Ceiling fan 1400 mm Safety	No	No	08 days	
		Kettle Safety	No	No	10 days	
		Hot Plates Safety	No	No	10 days	
		Electric Heaters Safety	No	No	10 days	
		Rice cooker safety	No	No	06 days	
		Iron Safety Spot	No	No	03 days	
Residual Current Circuit Breaker (Without Endurance Test)	No	No	27 days			

	Miniature Circuit Breaker (Without Endurance Test)	No	No	07 days
	Primary Cells and Batteries Initial test	No	No	25 days
	Switches (Without Endurance & Temp. rise Test)	No	No	10 days
	Switch Socket Outlets and Socket Outlets (Without Endurance & Temp. rise Test)	No	No	25 days
	Adaptors (Without Endurance & Temp. rise Test)	No	No	45 days
	Rewirable and Non- rewirable Fused Plugs (Without Endurance Test)	No	No	20 days
	Lamp Holders (T1)	No	No	100 days
	Cable Trunkings	No	No	04 days
	Electric Conduits	No	No	04 days
	Tungsten filament lamps	No	No	25 days
	Electric Cables	No	No	30 days
	Auto Cables	No	No	07 days
	Aluminium Conductors	No	No	07 days
Microbiology Laboratory				
Artificial drink	Coliforms MPN/ml	Yes	Yes	05 days
	APC/ml			
	Yeasts & Moulds/ml			
Bacon	<i>E.coli</i> MPN/ml	Yes	Yes	04 days
	<i>Salmonella</i> /25g			
	<i>S.aureus</i> /g			
	<i>E.coli</i> 0157/25g			
Baby Oil	Aerobic mesophilic	Yes	Yes	05 days
	<i>S.aureus</i> /ml			
	<i>P.aerogenosa</i> /ml			
	<i>E.coli</i> /ml			
Baby cologne	Aerobic mesophilic	Yes	Yes	05 days
	<i>S.aureus</i> /ml			
	<i>P.aerogenosa</i> /ml			
	<i>E.coli</i> /ml			
	<i>Candida albicans</i> /ml			
Bottle Drinking Water	APC/ml	Yes	Yes	03 days
	Coliforms MPN/100ml			
	<i>E.coli</i> MPN /100ml			
Bottle Rinse Test	APC/container	No	No	03 days
	Coliforms/container			
	<i>E.coli</i> /container			
Biscuits	APC/g	Yes	Yes	05 days
	Yeasts & Moulds /g			
	Coliforms MPN/g			

	<i>E.coli</i> MPN/g			
	<i>Salmonella</i> /25g			
	<i>S.aureus</i> /g			
Butter	Yeasts/g	Yes	Yes	05 days
	Moulds/g			
	Coliforms MPN/g			
	Lipolytic Organisms / g			
	<i>Salmonella</i> /25g			
	<i>S.aureus</i> /g			
	<i>Listeria monocytogenus</i>			
	APC/g , Yeasts & Molds/g, <i>Salmonella</i> /25g , <i>E. coli</i> /g , Coliforms MPN/g	Yes	Yes	10 days
Processed mixed grain based food 10 Units	APC/g , Yeasts & Molds/g, <i>Salmonella</i> /25g , <i>E. coli</i> /g , Coliforms MPN/g	Yes	Yes	10 days
Swab test	APC/g , <i>Salmonella</i> /25g	No	No	08 days
Black Pepper - 1 unit	<i>E. coli</i> MPN/g , <i>Salmonella</i> /25g	Yes	Yes	10 days
Black Pepper - 3 unit	<i>E. coli</i> MPN/g , <i>Salmonella</i> /25g	Yes	Yes	10 days
Cake-1 Unit	Yeasts & Moulds/g Coliforms MPN/g <i>S. aureus</i> /g Lipolytic Organisms /g, <i>Salmonella</i> /25g	Yes	Yes	10 days
Cake-5 Units	Yeasts & Moulds/g Coliforms MPN/g <i>S. aureus</i> /g Lipolytic Organisms /g, <i>Salmonella</i> /25g	Yes	Yes	10 days
Carbonated Beverages	APC /ml Yeasts & Moulds /ml Coliforms MPN/ ml	Yes	Yes	10 days
Canned Fish 3 Units	Commercial sterility	Yes	Yes	15 days
Canned Fish 9 Units	Commercial sterility	Yes	Yes	15 days
Canned Fish 21 Units	Commercial sterility	Yes	Yes	15 days
Cereal based Food 5 Units	APC /g, <i>E. coli</i> /g Coliforms MPN/ g <i>Salmonella</i> /25g Yeasts & Moulds /g	Yes	Yes	10 days
Cereal based Food 10 Units	APC /g, <i>E. coli</i> /g Coliforms MPN/ g <i>Salmonella</i> /25g Yeasts & Moulds /g	Yes	Yes	10 days
Milk added drink	Sterility test	Yes	Yes	10 days
Cheese 1 Unit	<i>E. coli</i> MPN/g <i>S. aureus</i> /g , Yeasts & Moulds /g	Yes	Yes	05 days
Cheese 5 Units	<i>E. coli</i> MPN/g <i>S. aureus</i> /g , Yeasts & Moulds /g	Yes	Yes	05 days

Chilli Sauce	Howard Mould count	Yes	Yes	01 day
Jam	Howard Mould count	Yes	Yes	01 day
Tomato sauce	Howard Mould count	Yes	Yes	01 day
Chilli; Whole & ground	Molds/g , <i>Salmonella</i> , <i>E.coli</i> , Microscopic examination	Yes	Yes	05 days
Chocolate 1 Unit	Yeasts/g , Molds/g, <i>Salmonella</i> /25g	Yes	Yes	05 days
Chocolate 5 Units	Yeasts/g , Molds/g, <i>Salmonella</i> /25g	Yes	Yes	05 days
Cinnamon	<i>Salmonella</i> , <i>E.coli</i>	Yes	Yes	04 days
Chutney	Howard Mould count	Yes	Yes	01 day
Cocoa Based Confectionery 1 Unit	APC/g , Yeasts/g , Molds/g, <i>Salmonella</i> /25g , <i>S. aureus</i>	Yes	Yes	05 days
Cocoa Based Confectionery 5 Units	APC/g , Yeasts/g , Molds/g, <i>Salmonella</i> /25g , <i>S. aureus</i>	Yes	Yes	05 days
Cocoa Based Confectionery 10 Units	APC/g , Yeasts/g , Molds/g, <i>Salmonella</i> /25g , <i>S. aureus</i>	Yes	Yes	05 days
Coconut Milk Powder 5 Units	APC/g , Yeasts & Molds/g, <i>Salmonella</i> /25g , <i>E.coli</i> , Coliforms	Yes	Yes	05 days
Coconut Cream 9 Units	APC/g , Yeasts & Molds/g, <i>Salmonella</i> /25g , <i>E.coli</i> , Coliforms	Yes	Yes	10 days
Coconut Milk	Commercial sterility	Yes	Yes	10 days
Coffee Powder	APC/g , Yeasts & Molds/g, <i>Salmonella</i> /25g , <i>S. aureus</i> , Coliforms	No	No	05 days
Comminuted Meat 1 Unit	<i>Salmonella</i> /25g , <i>S. aureus</i> , <i>E.coli</i> , <i>E.coli</i> O157/25g	Yes	Yes	04 days
Comminuted Meat 5 Units	<i>Salmonella</i> /25g , <i>S. aureus</i> , <i>E.coli</i> , <i>E.coli</i> O157/25g	Yes	Yes	04 days
Coconut Oil	Yeasts & Molds/g	Yes	Yes	05 days
Condensed Milk 1 Unit	APC/g , Yeasts & Molds/g, <i>Salmonella</i> /25g , <i>E.coli</i> , Coliforms MPN/g, <i>S. aureus</i> , Shelf life test	Yes	Yes	19 days
Condensed Milk 7 Units	APC/g , Yeasts & Molds/g, <i>Salmonella</i> /25g , <i>E.coli</i> , Coliforms MPN/g, <i>S. aureus</i> , Shelf life test	Yes	Yes	19 days
Compost 1 Unit	<i>Salmonella</i> /25g , <i>E.coli</i>	Yes	Yes	04 days
Coriander (Ground)	Molds/g , <i>Salmonella</i> / 25g , <i>E.coli</i> / MPN /g, Microscopic examination	No	No	05 days
Curd 1 Unit	Yeasts & Molds/g , <i>Salmonella</i> / 25g , <i>E.coli</i> / MPN /g, Coliforms MPN/g , <i>S. aureus</i>	Yes	Yes	05 days
Curd 3 Units	Yeasts & Molds/g , <i>Salmonella</i> / 25g , <i>E.coli</i> / MPN /g, Coliforms MPN/g , <i>S. aureus</i>	Yes	Yes	05 days
Curry Powder	Yeasts & Molds/g , <i>Salmonella</i> / 25g , <i>E.coli</i> / MPN /g, Microscopic examination	Yes	Yes	05 days
Cumin	Yeasts & Molds/g , <i>Salmonella</i> / 25g , <i>E.coli</i> / MPN /g, Microscopic examination			05 days

Desiccated Coconut 1 Unit	Yeasts & Molds/g , <i>Salmonella</i> / 25g , Coliforms MPN /g, APC/g	Yes	Yes	05 days
Desiccated Coconut 5 Units	Yeasts & Molds/g , <i>Salmonella</i> / 25g , Coliforms MPN /g, APC/g	Yes	Yes	05 days
Drinking Yoghurt 1 Unit	Yeasts & Molds/g , <i>Salmonella</i> / 25g , Coliforms MPN /g, <i>E.coli</i> / MPN /g , <i>S. aureus</i> , <i>Listeria monocytogenus</i>	No	No	05 days
Drinking Yoghurt 5 Units	Yeasts & Molds/g , <i>Salmonella</i> / 25g , Coliforms MPN /g, <i>E.coli</i> / MPN /g , <i>S. aureus</i> , <i>Listeria monocytogenus</i>	No	No	05 days
Dry Fish 1 Unit	APC/g , Yeasts & Molds/g, <i>S. aureus</i> , Coliforms MPN /g , <i>E.coli</i> / MPN /g	Yes	Yes	05 days
Dry Fish 5 Units	APC/g , Yeasts & Molds/g, <i>S. aureus</i> , Coliforms MPN /g , <i>E.coli</i> / MPN /g	Yes	Yes	05 days
Disinfectant	Efficacy test	No	No	02 days
Extruded Snacks 5 Units	APC/g , <i>Salmonella</i> /25g , <i>E.coli</i> MPN /g, Coliforms MPN /g	Yes	Yes	04 days
Extruded Snacks 10 Units	APC/g , <i>Salmonella</i> /25g , <i>E.coli</i> MPN /g, Coliforms MPN /g	Yes	Yes	04 days
Fat Spread 1 Unit	APC / g, Yeasts/g , Molds/g , Coliforms MPN /g, Lipolytic Organisms/ g	Yes	Yes	05 days
Fat Spread 5 Units	APC / g, Yeasts/g , Molds/g , Coliforms MPN /g, Lipolytic Organisms/ g	Yes	Yes	05 days
Dairy Fat Spread 1 Unit	Yeasts/g , Molds/g , Coliforms MPN /g, <i>E.coli</i> MPN /g , Lipolytic Organisms/ g	Yes	Yes	05 days
Dairy Fat Spread 5 Units	Yeasts/g , Molds/g , Coliforms MPN /g, <i>E.coli</i> MPN /g , Lipolytic Organisms/ g	Yes	Yes	05 days
Fish 1 Unit	APC/g , <i>E.coli</i> / MPN /g , <i>S. aureus</i> , <i>Salmonella</i> /25g	Yes	Yes	04 days
Fish 5 Units	APC/g , <i>E.coli</i> / MPN /g , <i>S. aureus</i> , <i>Salmonella</i> /25g	Yes	Yes	04 days
Frozen Poultry 1 Unit	APC/g , <i>S. aureus</i> , <i>Salmonella</i> /25g	Yes	Yes	04 days
Frozen Poultry 5 Units	APC/g , <i>S. aureus</i> , <i>Salmonella</i> /25g	Yes	Yes	04 days
Frozen Confection 1 Unit	APC/g , Coliforms MPN/g , <i>Salmonella</i> /25g	Yes	Yes	04 days
Frozen Confection 5 Units	APC/g , Coliforms MPN/g , <i>Salmonella</i> /25g	Yes	Yes	04 days
Frozen Confection 10 Units	APC/g , Coliforms MPN/g , <i>Salmonella</i> /25g	Yes	Yes	04 days
Fruit Juices & Nectars	APC/g , Yeasts & Molds/g, Coliforms MPN /g	Yes	Yes	05 days
Ham 1 Unit	<i>Salmonella</i> /25g , <i>S. aureus</i> , <i>E.coli</i> MPN/g , <i>E.coli</i> O157/25g	Yes	Yes	04 days
Ham 5 Units	<i>Salmonella</i> /25g , <i>S. aureus</i> , <i>E.coli</i> MPN/g , <i>E.coli</i> O157/25g	Yes	Yes	04 days
Hand Sanitizer	Microbiology Efficacy test	No	No	02 days

Hair Oil	Aerobic mesophilic Microorganisms/g , <i>P.aerogenosa/g , E.coli / ml , S. aureus</i>	No	No	05 days
Hair cream	Aerobic mesophilic Microorganisms/g , <i>P.aerogenosa/g , E.coli / ml , S. aureus , Candida albicans/g</i>	Yes	Yes	05 days
Hair Shampoo	Aerobic mesophilic Microorganisms/g , <i>P.aerogenosa/g , E.coli / ml , S. aureus , Candida albicans/g</i>	Yes	Yes	05 days
Shaving Cream	APC/g , <i>P.aerogenosa/g , E.coli /g , S. aureus , Candida albicans/g</i>	Yes	Yes	05 days
Shampoo for baby	Aerobic mesophilic Microorganisms/g , <i>P.aerogenosa/g , E.coli / ml , S. aureus, Candida albicans/g</i>	Yes	Yes	05 days
Lipstick	Aerobic mesophilic Microorganisms/g , <i>P.aerogenosa/g , E.coli / ml , S. aureus, Candida albicans/g</i>	No	No	05 days
Sanitary Towel	APC/g , <i>P.aerogenosa/g , Yeasts & Molds/g , S. aureus , Candida albicans/g</i>	No	No	05 days
Sanitary Towel Ultra thin	APC/g , <i>P.aerogenosa/g , Yeasts & Molds/g , S. aureus , Candida albicans/g</i>	No	No	05 days
Baby diaper/ Adults diaper	APC/g , <i>P.aerogenosa/g , Yeasts & Molds/g , S. aureus , Candida albicans/g</i>	No	No	05 days
Skin Cream for babies	Aerobic mesophilic Microorganisms/g , <i>P.aerogenosa/g , E.coli / g , S. aureus , Candida albicans/g</i>	Yes	Yes	05 days
Skin Cream & lotion	Aerobic measophilic Microorganisms/g , <i>P.aerogenosa/g , E.coli / g , S. aureus , Candida albicans/g</i>	Yes	Yes	05 days
Skin Powder	Aerobic mesophilic Microorganisms/g , <i>P.aerogenosa/g , E.coli / g , S. aureus , Candida albicans/g</i>	Yes	Yes	05 days
Skin powder for babies	APC/g , <i>P.aerogenosa/g , Yeasts & Molds/g , S. aureus</i>	Yes	Yes	05 days
Toilet soap liquid	APC/g , <i>P.aerogenosa/g , Yeasts & Molds/g , S. aureus</i>	No	No	05 days
Perfumes & Toilet waters	Aerobic mesophilic Microorganisms/g , <i>P.aerogenosa/g , E.coli / g , S. aureus , Candida albicans/g</i>	No	No	05 days
Medical devices	Sterility test	No	No	14 days
Milk Powder 1 Unit	APC/g , <i>Salmonella/25g , E.coli, Coliforms MPN/g, S. aureus</i>	Yes	Yes	04 days
Milk Powder 5 Units	APC/g , <i>Salmonella/25g , E.coli, Coliforms MPN/g,S. aureus</i>	Yes	Yes	04 days
Milk Powder 10 Units	APC/g , <i>Salmonella/25g , E.coli, Coliforms MPN/g,S. aureus</i>	Yes	Yes	04 days
Milk Powder Infant formula 10 Unit	APC/g , <i>Salmonella/25g , E.coli, Coliforms MPN/g</i>	Yes	Yes	04 days

Milled Rice	<i>Salmonella</i> /25g , <i>E.coli</i> , Yeasts & Molds/g			05 days
Hopper Mix 5 Units	Moulds /g , Microscopic examination	Yes	Yes	05 days
Kurakkan Flour	Moulds /g , <i>E. coli</i> /g , Microscopic examination	No	No	05 days
Rice Flour	Moulds /g , Microscopic examination	No	No	05 days
Thosai Mix / Idly Mix	Moulds /g , Microscopic examination	No	No	05 days
Split lentil	Yeasts & Molds/g	Yes	Yes	05 days
Whole lentil	Yeasts & Molds/g	Yes	Yes	05 days
Coriander (Ground)	Yeasts & Molds/g	No	No	05 days
Ice Cream 1 Unit	APC/g , <i>Salmonella</i> / 25g , Coliforms MPN /g, <i>E.coli</i> / MPN /g , <i>S. aureus</i> , <i>Listeria monocytogenus</i>	Yes	Yes	05 days
Ice Cream 5 Unit	APC/g , <i>Salmonella</i> / 25g , Coliforms MPN /g, <i>E.coli</i> / MPN /g , <i>S. aureus</i> , <i>Listeria monocytogenus</i>	Yes	Yes	05 days
Jelly Crystals	Yeasts & Molds/g , <i>E.coli</i> /g , <i>S. aureus</i> , <i>Salmonella</i> / 25g	No	No	05 days
Malted Food 1 Unit	APC/g , <i>Salmonella</i> / 25g , Coliforms MPN /g	Yes	Yes	04 days
Malted Food 5 Units	APC/g , <i>Salmonella</i> / 25g , Coliforms MPN /g	Yes	Yes	04 days
Wafers 1 Unit	<i>Salmonella</i> / 25g , Coliforms MPN /g, <i>E.coli</i> / MPN /g , <i>S. aureus</i> , Yeasts & Molds/g	Yes	Yes	05 days
Wafers 5 Units	<i>Salmonella</i> / 25g , Coliforms MPN /g, <i>E.coli</i> / MPN /g , <i>S. aureus</i> , Yeasts & Molds/g	Yes	Yes	05 days
White pepper 1 Unit	<i>Salmonella</i> / 25g , <i>E.coli</i> / MPN /g	Yes	Yes	04 days
White pepper 3 Units	<i>Salmonella</i> / 25g , <i>E.coli</i> / MPN /g	Yes	Yes	04 days
Yoghurt 1 Unit	<i>Salmonella</i> / 25g , Coliforms MPN /g, <i>E.coli</i> / MPN /g , <i>S. aureus</i> , <i>Listeria monocytogenus</i> , Yeasts & Molds/g	Yes	Yes	05 days
Yoghurt 5 Units	<i>Salmonella</i> / 25g, Coliforms MPN /g, <i>E.coli</i> / MPN /g, <i>S. aureus</i> , <i>Listeria monocytogenus</i> , Yeasts & Molds/g	Yes	Yes	05 days
Toothpaste	APC/g, <i>Salmonella</i> / 25g, <i>E.coli</i> / MPN /g	Yes	Yes	04 days
Tumeric Powder	Moulds /g, Microscopic examination, <i>Salmonella</i> / 25g	Yes	Yes	05 days
Textured Soya Protein 1 Unit	APC/g, <i>Salmonella</i> / 25g, <i>E.coli</i> / MPN /g, Coliforms MPN /g, Yeasts & Molds/g	Yes	Yes	05 days
Textured Soya Protein 5 Units	APC/g, <i>Salmonella</i> / 25g, <i>E.coli</i> / MPN /g, Coliforms MPN /g, Yeasts & Molds/g	Yes	Yes	05 days
Textured Soya Protein 10 Units	APC/g, <i>Salmonella</i> / 25g, <i>E.coli</i> / MPN /g, Coliforms MPN /g, Yeasts & Molds/g	Yes	Yes	05 days
Ready to Serve drinks 1 Unit	APC/ ml, Coliforms MPN /ml, Yeasts & Molds/ml	Yes	Yes	05 days

Ready to Serve drinks 3 Unit	APC/ ml, Coliforms MPN /ml , Yeasts & Molds/ml	Yes	Yes	05 days
Vinegar	APC/ ml, Coliforms MPN /ml , Yeasts & Molds/ml , <i>Salmonella</i> / 25g , <i>E.coli</i> / MPN /g , Vinegar Eels	No	No	05 days
Ice for processing 1 Unit	APC/ ml, Coliforms MPN / 100 ml , <i>E.coli</i> / MPN 100 ml	Yes	Yes	03 days
Ice for processing 3 Units	APC/ ml, Coliforms MPN / 100 ml , <i>E.coli</i> / MPN 100 ml	Yes	Yes	03 days
Ice (for EU requirements)	APC/ ml at 22 0C , APC/ ml at 37 0C , Coliforms MPN / 100 ml , <i>E.coli</i> / MPN 100 ml	Yes	Yes	03 days
Water (for EU requirements)	APC/ ml at 22 0C , APC/ ml at 37 0C , Coliforms MPN / 100 ml , <i>E.coli</i> / MPN 100 ml	Yes	Yes	03 days
Potable water	<i>E.coli</i> / MPN ml , Coliforms MPN /ml	Yes	Yes	02 days
Natural Mineral Water 1 Unit	APC/ ml at 22 0C , APC/ ml at 37 0C , Coliforms MPN / 250 ml , <i>E.coli</i> / MPN 250 ml , <i>Faecal streptococci</i> /250 ml , <i>P.aeruginosa</i> /250 ml , Clostridia / 50ml	Yes	Yes	03 days
Natural Mineral Water 5 Units	APC/mL at 22 0C, APC/ mL at 37 0C, Coliforms MPN / 250 mL, <i>E.coli</i> / MPN 250 mL, <i>Faecal Streptococci</i> /250 mL, <i>P.aeruginosa</i> /250 mL, Clostridia / 50mL	Yes	Yes	03 days
Chemical Laboratory				
Water	Bottled drinking Water	Yes	Yes	14 days
	Distilled water	No	No	02 days
	Ice	Yes	Yes	14 days
	Natural Mineral Water	Yes	Yes	14 days
	Potable water	Yes	Yes	14 days
	Water for Lead acid batteries	No	No	06 days
	Waste Water	No	No	15 days
Building Materials				
Asbestos sheets	Calcium Oxide	No	No	05 days
Building Lime, Quick Lime	Chloride (Cl)	Yes	Yes	10 days
Cement-BHC	Fineness (600/150 µm)	No	No	03 days
Cement-opc	Insoluble Residue (IR)	Yes	Yes	05 days
Cement-PLC	Loss of Ignition (LOI)	Yes	Yes	05 days
Cement-PPC	Magnesium Oxide	in progress	No	09 days
Cement - PCC	Pozzolancity	No	No	05 days
Cement Masonary	Silicon dioxide	No	No	05 days
	Sulphate (SO ₄)	Yes	Yes	05 days
Cosmetics				
Baby Oil	Acid Value	No	No	05 days
Conditioner, Shower Gel	Active Anionic Ingredient	No	No	02 days

Face wash	Total Surfactant	No	No	02 days
Hair Colour Powder	Cloudiness	No	No	03 days
Hair Colour Creams	Free caustic Alkali	No	No	05 days
Hair Colour Developers	Free from boric acid	No	No	03 days
Hair Colour Creams	Fineness	No	No	05 days
Hair Gel, Hair Wax	Inorganic Salt	No	No	02 days
Hair Cream	Lather	No	No	06 days
Hair Oil	Matter Insoluble	No	No	05 days
Hand Wash	Moisture	No	No	02 days
Lipsticks	Mercury	Yes	Yes	04 days
Shampoo	Non Aqueous content	No	No	05 days
Shaving Cream	Non volatile Matter	No	No	05 days
Skin Creams & Lotions	Peroxide Value	No	No	05 days
Skin Powder	pH	No	No	05 days
Face Powder	para-phnylenediamine	No	No	05 days
	Relative density	No	No	02 days
	Saponification	No	No	03 days
	Sediment	No	No	01 day
	Softening point	No	No	01 day
	Stability / Thermal Stability	No	No	01 day
	Sulfur & sulfides	No	No	01 day
	Water content	No	No	02 days
Soap				
Baby Soap	Active Ingredient	No	No	05 days
Bathing Bar	Chloride	No	No	08 days
Carbolic Soap	Free Caustic Alkali	No	No	05 days
Laundry Soap	Free From Rosin Acids	No	No	05 days
Liquid soap-Domestic	Grittiness, Sandiness	No	No	05 days
Laundry Soap Powder	Matter insoluble in ethanol	No	No	07 days
Soft soap	Moisture	No	No	05 days
Shaving Soap	pH	No	No	05 days
Liquid toilet soap	Rosin Acids	No	No	05 days
Toilet Soap	Total Fatty Matter	No	No	05 days
	TFM- Bathing Bar	No	No	05 days
	TFM-Laundry soap type III	No	No	05 days
	Total Free Alkali	No	No	02 days
	Un-saponification	No	No	04 days
	Stability	No	No	02 days
Detergents				
Bleaching Powder	Active Ingredients	No	No	10 days
Detergent-Liquid	Alkalinity	No	No	10 days
Disinfectants	Available O ₂	No	No	01 day
Laundry Blue	Bulk density	No	No	10 days

	Liquid Detergent for Hand dishwashing	Chlorine	No	No	10 days
	Synthetic laundry Detergent Powder	Free from Sulphur	No	No	10 days
	Toilet bowl cleaner	Loss of Chlorine	No	No	05 days
	Tile Cleaner	Matter Insoluble	No	No	05 days
		Mercury	Yes	Yes	01 day
		Moisture	No	No	02 days
		Organic Matter	No	No	02 days
		Particle size (1.70/ 1.40 mm)	No	No	01 day
		pH	No	No	01 day
		Phosphate	No	No	03 days
		Residue on Sieve	No	No	01 day
		Rinsing property	No	No	01 day
		Solubility	No	No	01 day
		Soluble Organic matter	No	No	02 days
		Total Non-detergent org. matter	No	No	03 days
		Salt	Ca	No	No
	Iodine		No	No	04 days
	Matter insoluble in water - MIS		No	No	04 days
	Matter Soluble in water, other than NaCl		No	No	04 days
	Mg		No	No	04 days
	Moisture		No	No	04 days
	Particle size		No	No	04 days
	Sodium Chloride		No	No	04 days
	Sulphate		No	No	04 days
	Toothpaste	Abrasion	No	No	04 days
		Consistence	No	No	04 days
		Cohesiveness	No	No	04 days
		Extrusive content	No	No	04 days
		Fineness (75/150 µm)	No	No	04 days
		Fluoride	No	No	04 days
		Fluoride (After digest)	No	No	04 days
		Inertness	No	No	04 days
		Mercury	yes	yes	04 days
		Moisture	No	No	04 days
		pH	No	No	04 days
		Stability	No	No	04 days
	Shoe Polish	Ash	No	No	05 days
		Consistency	No	No	05 days
		Distillation range	No	No	05 days
		Flash point	No	No	05 days
		Non volatile matter	No	No	05 days

	Performance & drying time	No	No	05 days
	Pigment Content	No	No	05 days
	pH	No	No	05 days
	Softening	No	No	05 days
	Water content	No	No	05 days
	Water soluble stains	No	No	05 days
Chemicals for Purification of Water				
Aluminium Sulphate	Basicity	No	No	07 days
Hydrate Lime	Calcium Hydroxide	No	No	07 days
	Insoluble matter	No	No	07 days
	Iron in AAs Method - Fe	No	No	07 days
	Iron Manual Method-Fe	No	No	07 days
	Magnesium - Mg	No	No	07 days
	Mercury -Hg	No	No	07 days
	Particle size	No	No	07 days
	pH	No	No	07 days
	Water content	No	No	07 days
	Water Insoluble matter	No	No	07 days
	Water soluble Aluminum Sulphate	No	No	07 days
Alloys- Chemical Composition	Low alloys	Yes	Yes	03 days
	Stainless Steel	Yes	Yes	03 days
	Cu Alloys	Yes	Yes	03 days
	Aluminium Alloys	Yes	Yes	03 days
	Zn Alloys	No	No	03 days
Porcelain Table ware	Pb & Cd	Yes	Yes	03 days
	Alkali proof test (APT)	No	No	03 days
	Neutral cleanser test (NCT)	No	No	03 days
	Acid proof test (APT)	No	No	03 days
	Acid + Alkali proof	No	No	03 days
Bowls for Clergy	Fe, Mn, Si, Pb, Cd	No	No	04 days
	Finishing	No	No	04 days
Feeding Bottles	Alkalinity	No	No	03 days
Coconut Toddy	Turbidity	No	No	01 day
Feeding Bottles - Plastics	Total Migration	No	No	03 days
Fertilizer (inorganic, Organic, Mixed)	Biuret	Yes	Yes	14 days
	Ca	Yes	Yes	14 days
	Mg	Yes	Yes	14 days
	Chloride - Cl	No	No	14 days
	Conductivity	Yes	No	14 days
	Foreign matter	No	No	14 days
	Free Acidity	No	No	14 days
	Free Phosphoric acid	No	No	14 days
	Hg	Yes	Yes	14 days

		Iron	No	No	14 days
		Karl Fischer -moisture	Yes	Yes	14 days
		Moisture -Oven Method	Yes	Yes	14 days
		Moisture-Vacuum Method	Yes	Yes	14 days
		Matter Insoluble	No	No	14 days
		Mineral Acids Soluble SO4	No	No	14 days
		Nitrate Nitrogen	No	No	14 days
		Organic Carbon	No	No	14 days
		Particle Size	No	No	14 days
		pH	Yes	Yes	14 days
		Total Pottasium	Yes	Yes	14 days
		Water Soluble Pottasium	Yes	Yes	14 days
		Sodium - Na	No	No	14 days
		Sand content	No	No	14 days
		Sulphur	No	No	14 days
		Total Nitrogen	Yes	Yes	14 days
		Ammonia Nitrogen	Yes	Yes	14 days
		Urea Nitrogen	Yes	Yes	14 days
		Total Phosphorous(P)	Yes	Yes	14 days
		Water Soluble P	Yes	Yes	14 days
		Citric Acid Soluble P	Yes	Yes	14 days
		Water Solubility	No	No	14 days
		Zinc	No	No	14 days
	Material Laboratory				
	Aluminium Alloy Profiles For Architectural Applications	All Parameters - As per SLS 1410 : 2011	No	No	10 days
		Tensile test only	No	No	07 days
	Aluminium Cauldron	All Parameters	No	No	07 days
	Asbestos Corrugated Cement Sheets	All Parameters	No	No	14 days
	Asbestos Cement Flat Sheets	All Parameters	No	No	14 days
	Asbestos Cement Flat Sheets	Spot test	No	No	10 days
	Automotive Radiator Cores	All Parameters - As per SLS 740 : 1986	No	No	07 days
	Ball Point Pen Refills	All Parameters except Manual writing quality test	No	No	10 days
	Ball Point Pens	All Parameters except Manual writing quality test	No	No	10 days
	Barbed Wire Roll	All Parameters - As per SLS 31 : 1988	No	No	07 days
	Batons (Rubber)	All Parameters	No	No	05 days
	Batons (Telescopic)	All Parameters	No	No	05 days
	Belt Hook / Union Belt Plate	All Parameters	No	No	05 days

Belt Buckle (WPC)	All Parameters	No	No	05 days
Bicycle Tyres	All Parameters - As per SLS 224 : 2007	No	No	14 days
	Spot test	No	No	07 days
Bicycle Tubes	All Parameters - As per SLS 127 : 1982	No	No	14 days
	Spot test	No	No	07 days
Button With Ring (Small/Large)	All Parameters except material composition	No	No	05 days
Cement Blocks	All Parameters As per SLS 855 : 1989	No	No	30 days
	Strength test only	No	No	30 days
	Moisture content only	No	No	07 days
Cement Concrete Tile	All parameters - As per SLS 863 : 1989	No	No	14 days
	Spot test	No	No	10 days
	Strength test only	No	No	10 days
Cement - Masonry	Physical testing + 07 day & 28 day strength except Water retention, Air content, Flow & Chemical requirements Fineness	Yes	Yes	35 days
Cement - Hydraulic Blended	Physical testing + 02 day & 28 day strength	Yes	Yes	35 days
Cement - Ordinary Portland		Yes	Yes	35 days
Cement- Portland Limestone		Yes	Yes	35 days
Cement- Portland Composite	Physical testing + 02 day & 28 day strength	Yes	Yes	35 days
Cement	Physical testing + 02 day , 07 day & 28 day strength	Yes	Yes	35 days
	Physical testing + 02 day , 07 day, 14 day & 28 day strength	Yes	Yes	35 days
	Cement Strength Test only (2, 28 days strength)	Yes	Yes	35 days
	Cement Strength Test only (3, 7, 28 day strength)	Yes	Yes	35 days
	Cement Strength Test only (1,3, 7, 28 day strength)	Yes	Yes	35 days
	Cement Strength Test only (28 day strength)	Yes	Yes	35 days
	IST+ (2 & 28 day strength)	Yes	Yes	35 days
	Setting time test only	Yes	Yes	05 days
	Soundness test only	Yes	Yes	05 days
Ceramic Tiles - Glazed	All parameters except Resistance to crazing	No	No	21 days
Ceramic Tiles - Unglazed	All parameters - As per SLS 1181	No	No	21 days
Ceramic Tiles - Glazed / Unglazed	Spot test	No	No	07 days
	Breaking Strength & MOR only	No	No	07 days
	Surface Quality	No	No	02 days

		Water Absorption only	No	No	07 days
		Water Absorption, Breaking Strength, Modulus of Rupture	No	No	07 days
		Water Absorption, & Dimension	No	No	07 days
		Surface abrasion only	No	No	03 days
		Deep abrasion only	No	No	03 days
		Dimension, Surface Quality, Water Absorption, Breaking Strength, Deep abrasion	No	No	10 days
	Ceramic Tiles - Glazed / Unglazed	Dimension, Surface Quality, Water Absorption, Breaking Strength, Surface abrasion	No	No	10 days
		Dimension only	No	No	03 days
	Clay Building Bricks (Rigid) - Common Burnt	All Parameters - As per SLS 39 : 1978	No	No	14 days
	Clay Roofing Tiles (Flat)	All parameters - As per SLS 2 : 2016	No	No	14 days
	Clay Roofing Tiles (Ridge)	All parameters - As per SLS 2 : 2016	No	No	14 days
	Chock Fast	Brinell Hardness and compressive strength	No	No	03 days
		Brinell Hardness-1 Pc	No	No	03 days
		Brinell Hardness-3 Pcs			03 days
	Concrete Cubes - Ready-Mixed Concrete	Compressive strength test only-1 Pcs	No	No	03 days
	Concrete Paving Blocks	All parameters except skid slip Resistant test	No	No	14 days
	Concrete Pipes - Non Pressure	All parameters As per SLS 452	No	No	14 days
	Concertina Wire Roll	All Parameters	No	No	07 days
	Contractor Cones (Small)		No	No	03 days
	Contractor Cones (Large)		No	No	03 days
	Crayons and Pastels	All parameters except Toxic substance	No	No	07 days
	Electrical Conduits	Mechanical and Physical test Parameters	No	No	10 days
	Feeding Bottles - PP	All parameters except Environmental stress-crack	No	No	10 days
	Feeding Bottles - Glass	All parameters except Alkalinity test	No	No	10 days
	Fence Fabrics - Plastic Coated	All Parameters/Spot Test	No	No	07 days
	Fence Fabrics - Zn Coated & Plastic Coated	All Parameters As per SLS 1148 : 2010	No	No	07 days
	Fence Fabrics - Zn Coated & Plastic Coated	Spot test	No	No	05 days
	Fiber Cement Flat Sheets	All Parameters As per SLS 1148 : 2010	No	No	07 days
	Fence Fabrics- Zn Coated (No Plastic Coating)	Spot test	No	No	05 days
	Fiber Cement Flat Sheets	Marking, Dimension, MCR, Density + Water Permeability	No	No	07 days

Fine Aggregates For Concrete & Motar (Manufacturing Sand)	All Parameters - As per SLS 1397 : 2010	No	No	07 days
Garbage bags	Dimension only	No	No	03 days
Gabion Mesh	All Parameters	No	No	07 days
Gi - Steel Pipes	All Parameters except leak tightness test	No	No	07 days
	Spot test	No	No	05 days
	Zn coating only	No	No	03 days
	Tensile test only	No	No	05 days
	All Parameters except leak tightness test	No	No	07 days
	Spot test	No	No	05 days
Gi - Steel Sheets (Corrugated)	All parameters - As per SLS 306 : 1974	No	No	07 days
Gi -Steel Sheets (Flat)	All parameters - As per SLS 306 : 1974	No	No	07 days
Hand Cuffs	All Parameters	No	No	05 days
HDPE Water Pipes - Below & equal to 110mm	All Parameters - As per SLS 1498 : 2015	No	No	21 days
HDPE Water Pipes- Above 110 mm	All Parameters - As per SLS 1498 : 2015	No	No	21 days
HDPE Water Pipes Fittings Below & equal to 110 mm	All Parameters - As per SLS 1498 : 2015	No	No	21 days
HDPE Water Pipes Fittings Above 110 mm	All Parameters - As per SLS 1498 : 2015	No	No	21 days
Hot Rolled Steel Bars For Structural & General Engineering Purposes	All Parameters except Bend test, Chemical test & Impact test	No	No	07 days
		No	No	07 days
		No	No	07 days
Hot Rolled Steel Sections	All Parameters except Bend test, Chemical test & Impact test	No	No	07 days
Incense Sticks	All Parameters except Chemical Testing	No	No	05 days
Leaf Spring Assemblies For Automobile Suspension	All Parameters	No	No	07 days
	Loaded height + Rate + Brinell hardness test only	No	No	03 days
Leaf Spring Individual Leaves For Automobile Suspension	Blade Dimension/Brinell Hardness test	No	No	03 days
	Brinell Hardness test only	No	No	03 days
Lead Pencils General Writing	All Parameters - As per SLS 546 : 1981	No	No	07 days
Life Jackets	Marking Accessories for Life jackets, Boyancy	No	No	10 days
LPG Containers (Refillable) - Brazed	All parameters except Hydraulic test	No	No	10 days
LPG Containers (Refillable) - Welded-6 Cylinders	All parameters except Hydraulic, Gas tightness tests	No	No	10 days
LPG Containers (Refillable) - Welded-10 Cylinders	All parameters except Hydraulic, Gas tightness tests	No	No	10 days
LPG Containers (Refillable) - Welded-3 Cylinders	Spot test	No	No	07 days

LPG Containers (Refillable) - Welded-5 Cylinders		No	No	07 days
LPG Containers (Refillable) - Welded-3 Cylinders	X Ray Inspection only	No	No	05 days
LPG Containers (Refillable) - Welded-5 Cylinders		No	No	05 days
LPG Containers (Refillable) - Welded-3 /5 cylinders	Tensile properties	No	No	10 days
Mammaty Blades (Outside - Pre SLS)	All Parameters - As per SLS 305 : 2002	No	No	05 days
Messtin Pairs (Without Chemical Testing)	All Parameters	No	No	07 days
Metal Detector	All Parameters	No	No	05 days
Medals - Services (Without Chemical Testing)	All Parameters	No	No	05 days
Mettresses (Spring Units)	Dimension and Mechanical Properties	No	No	14 days
Mild Steel Wire With Gi Coating	All parameters - As per SLS 139 : 2003	Yes	Yes	05 days
Mild Steel Wire With Gi Coating	Spot test	Yes	Yes	05 days
	Tensile & Zinc coating	Yes	Yes	05 days
Mild Steel Wire Without Gi Coating	All parameters / Spot test	Yes	Yes	05 days
Mild Steel Wire	Tensile test only	Yes	Yes	03 days
	Zinc Coating Only	No	No	03 days
Mild Steel Wire (Cold Drawn) - Manufacturing of Nails	All parameters - As per SLS 546 : 1991	Yes	Yes	07 days
Paint-Emulsion For Exterior Use	All parameters except Resistance to artificial weathering and Lead content	No	No	30 days
Paint-Emulsion For Interior Use	All parameters except Lead content	No	No	30 days
Paint-Road Marking	Luminus factor, skid resistance & Flow resistance	No	No	10 days
Pet Bottles	All parameters except Vibration leakage, Transparency & Migration test	No	No	10 days
	Volume Capacity test	No	No	03 days
Plain Steel Bars For The Reinforcement of Concrete-10 mm and Below	All parameters except Bend test & Chemical test	Yes	Yes	07 days
Plain Steel Bars For The Reinforcement of Concrete (Above 10 mm - Up To & Including 20 mm)	All parameters except Bend test	Yes	Yes	07 days
Plain Steel Bars For The Reinforcement of Concrete - Above 20 mm	All parameters except Bend test	Yes	Yes	07 days

Plywood - For General Purposes	All Parameters - As per SLS 261 : 1991	No	No	21 days
Polyethylene Water Storage Tank	All Parameters - As per SLS 1174 : 2011	No	No	14 days
Porcelain Tableware	Markings, Material and workmanship, Glaze defect, Edge warpage, Thermal shock, Freezer safe, Water absorption	No	No	14 days
Protective Helmets for Vehicle Users	All Parameters - As per SLS 517 : 2021	No	No	21 days
	All Parameters (Baby) As per SLS 517 : 2021	No	No	21 days
	Spot Test	No	No	10 days
	Shock absorption + Penetration test only	No	No	07 days
	Retention system test only-6 Helmets	No	No	10 days
	Retention system test only- 3 Helmets	No	No	07 days
	Oblique Impact test only	No	No	05 days
Protective Helmets For Vehicle Users	Construction test only	No	No	05 days
	Shock absorption test only	No	No	05 days
	Penetration resistance test only	No	No	05 days
	Retention System effectiveness test only	No	No	05 days
	System Strength test only	No	No	05 days
Protective Helmets For Vehicle Users	Strap silppage test only	No	No	05 days
	Strap abrasion test only	No	No	07 days
	Quick release mechanism test only	No	No	07 days
	Oblique impact (bar anvil) test only	No	No	05 days
	Oblique impact (abrasive anvil)	No	No	05 days
	Chin guard test only	No	No	03 days
	Marking & labeling requirements test only	No	No	03 days
Radiator Core	Spot test	No	No	05 days
Regid Cellular Polystyrene Geofom	All Parameters	No	No	10 days
Ribbed Steel Bars For The Reinforcement of Concrete (10 mm & Below)	All parameters, except Bend test	Yes	Yes	07 days
	Spot test	Yes	Yes	05 days
Ribbed Steel Bars For The Reinforcement of Concrete (10 mm & Below)	Tensile test only	Yes	Yes	03 days
Ribbed Steel Bars For The Reinforcement of Concrete (Above 10 mm - Upto and Including 20 mm)	All parameters, except Bend test	Yes	Yes	07 days

Ribbed Steel Bars For The Reinforcement of Concrete (Above 10 Mm - Upto and Including 20 mm)	Spot test	Yes	Yes	05 days
Ribbed Steel Bars For The Reinforcement of Concrete - Above 20 mm	All parameters, except Bend test	Yes	Yes	07 days
	Spot test	Yes	Yes	05 days
Rubber strip samples	Tensile test- after aging	No	No	07 days
	Tensile test- after & before aging	No	No	10 days
Rubber Hose	Markings,Dimensions, Hydrostatic test, Leak test, Burst test	No	No	07 days
Safety Matches in Boxes	All parameters As per SLS 11 : 1990	No	No	10 days
Sanitary Appliances	All parameters As per SLS 229 : 1973	No	No	14 days
	Functional requirements	No	No	10 days
Sanitary Appliances	Materials,Dimensions, Strength of the lock performance requirements & Appearance	No	No	07 days
Security Seals - Plastic	Free from air holes smooth entering of twine thread, Smoothness & Table weight	No	No	03 days
Security Seals - Lead	Dimensions & Tensile properties	No	No	05 days
Security Seals - Bolt	Dimensions & Tensile properties More than 03 = 3500.00 * No of bolts Ex. (20 x 3500.00 = 60000.00) + 3500.00	No	No	10 days
Sealing Wax	All Parameters As per SLS 182 : 1983	No	No	21 days
Solvent Cement For Pvc Pipes & Fittings (Not Applicable Import Inspection)	All tests	No	No	14 days
	Bend strength only	No	No	07 days
Terrazzo Tiles - Internal Use	All parameters except Abrasion, Slip resistance, Reaction to fire & Thermal conductivity	No	No	21days
	Spot test	No	No	07 days
Toothbrushes	All parameters except Filament bend recovery	No	No	10 days
	Spot test	No	No	07 days
Tyres - Pneumatic Motorcycle and Scooter	Spot test	No	No	07 days
UPVC Pipes For Water/Drainage/Sewerage Under Pressure - 110 mm and Below	All parameters - As per SLS 147 : 2013	No	No	14 days
UPVC Pipes For Water/Drainage/Sewerage Under Pressure - 110 mm and below	Spot test	No	No	07 days

UPVC Pipes For Water/Drainage/Sewerage Under Pressure - Above 110mm	All parameters - As per SLS 147 : 2013	No	No	14 days
UPVC Pipes For Water/Drainage/Sewerage Under Pressure Above 110 mm	Spot test	No	No	07 days
UPVC Fittings Water /Drainage / Sewerage Under Pressure	All parameters - As per SLS 659 : 2015	No	No	14 days
	Stress relief, VST & Pressure test	No	No	10 days
UPVC Pipes Non Pressure Underground Drainage & Sewerage - 110 mm and below	All Parameters - As per SLS 1286 : 2006	No	No	10 days
UPVC Pipes Non Pressure Underground Drainage & Sewerage - Above 110 mm	All Parameters - As per SLS 1286 : 2006	No	No	10 days
UPVC Pipe Fittings Drainage & Sewerage (Non Pressure)	All parameters - As per SLS 1285 : 2006	No	No	10 days
UPVC Pipes - Soil and Waste Discharge (Inside Building) Low and High Temperature Below & equal to 110 mm	All parameters - As per SLS 1325 : 2007	No	No	07 days
UPVC Pipes - Soil and Waste Discharge(Inside Building) Low and High Temperature - Above 110 mm	All parameters - As per SLS 1325 : 2007	No	No	10 days
UPVC Pipe Fittings -Soil and Waste Discharge (Inside Building) Low and High Temperature		No	No	10 days
Wash Basin	Construction,Dimension, Finish, Minimum Thickness, Glazing, Water absorption, Chemical resistance & Resistance to Staining and Burning	No	No	21days
Whistles	All Parameters	No	No	05 days
Wire (MS) for Wire Nails (Cold Drawn)	All parameters - As per SLS 07 : 1991	No	No	05 days
Wash Basin	All Parameters - As per SLS 08 : 1991	No	No	05 days
Water-Closet Sample (Wc Pans and Wcsuits With Integral Trap)	General Performance test (Markings, Finish and glazing, Thickness, Warpage, Water absorption, Chemical resistance,Resistance to staining and burning,Crazing.)	No	No	14 days

	Functional test (Depth of water seal, Flushing test, Load test, Test for flushing cistern, Full flush volume, Reduced flush volume, Leak tightness test of close-coupled suites & Outlet valve leak tightness test)	No	No	21 days
Food Laboratory				
Biscuits	Moisture , Acid insoluble ash, Acidity of extracted fat	No	No	05 days
Cake	Moisture	No	No	05 days
Wafers	Moisture, Acid insoluble ash, Acidity of extracted fat	No	No	05 days
Black Tea/ Green Tea	Water extract, Total ash, Water soluble ash of total ash, Alkalinity of water soluble ash, Acid insoluble ash, Crude fiber	Yes	Yes	10 days
Ground Coffee	Particle size, Moisture, Total ash, Acid insoluble ash, Water soluble matter, Caffeine	Yes	Yes	05 days
Instant Coffee	Moisture, Total ash, Acid insoluble ash, Caffeine, Solubility in boiling water, Solubility in cold water	Yes	Yes	05 days
Carbonated Beverages	Total soluble solids, Sulphur dioxide, Carbonation value, Benzoic acid, Sorbic acid, Caffeine	Yes	Yes	04 days
Frozen confection/ Freeze drinks	Total soluble solids, Acidity, Sulphur dioxide, Benzoic acid, Sorbic acid	Yes	Yes	04 days
Fruit Cordial, Fruit Squash and Fruit Syrup Concentrate	Total soluble solids, Acidity, Sulphur dioxide, Benzoic acid, Sorbic acid	Yes	Yes	04 days
Fruit Squashes, Fruit Syrups and Fruit Cordial	Total soluble solids for undiluted product , Total soluble solids reconstituted product, Acidity, Sulphur dioxide, Benzoic acid, Sorbic acid	Yes	Yes	04 days
Fruit Juices & Nectars	Soluble solids, Sulphur dioxide , Benzoic acid, Sorbic acid	Yes	Yes	04 days
Non carbonated artificial cordial / beverages	Total soluble solids , Acidity, Sulphur dioxide, Benzoic acid , Sorbic acid	Yes	Yes	04 days
Ready to serve fruit drink	Total soluble solids , Acidity , Sulphur dioxide , Sorbic acid	Yes	Yes	04 days
Soft drinks powder mixes	Moisture , Sulfated ash, Acid insoluble ash, Solubility, Acidity, sugar			04 days
Toddy	Acidity, Total solids, Total ash, Sulfated ash, Conductivity, Benzoic acids & Sorbic acids, Sugar profile	Yes	Yes	05 days
Processed cereal based foods for infants & young children	Moisture, Acid insoluble ash, Aflatoxins	Yes	Yes	05 days

Processed Grain based Food products; Multi/Mixed grain; Corn Flakes; Rolled Oats; Rice Flakes	Moisture, Acid insoluble ash, Protein & Aflatoxin	Yes	Yes	05 days
Instant Noodles	Moisture , Cooking time , Total ash,Acid insoluble ash ,Total protein, Acid value of extracted oil,Peroxide value,Aflatoxins	Yes	Yes	04 days
Pasta products	Moisture, Cooking time , Cooked product quality , Total solids in gurel, Total ash, Acid insoluble ash , Total protein, Aflatoxins	Yes	Yes	04 days
Rice Noodles (Rice vermicelli)	Moisture , Total solids in gurel, Total ash, Acid insoluble ash , Total protein, Aflatoxins	Yes	Yes	04 days
Cashew Kernels	Moisture & volatile matter , Grading, Aflatoxins	Yes	Yes	05 days
Cow Pea	Moisture, Total foreign material , Immature grains, Damaged grains,Aflatoxins	Yes	Yes	04 days
Green Gram	Moisture, Total foreign material , Immature grains, Damaged grains, Aflatoxins	Yes	Yes	04 days
Ground nut , unshelled ; shelled kernels	Moisture, Total foreign material, Immature grains, Damaged grains,Aflatoxins	Yes	Yes	04 days
Maize	Moisture, Total foreign material, Type admixture, Broken and Damaged grains, Immature grains, Insect damaged grains, Aflatoxins	Yes	Yes	04 days
Milled rice	Moisture, Foreign matter , Type admixture,Damaged grain, Broken grain, Paddy seeds, Availability of stones/sands, Aflatoxin & Ochratoxins	Yes	Yes	04 days
Paddy	Moisture, Total foreign material, Type admixture, Broken and Damaged grains, Immature grains, Insect Damaged grains, Aflatoxins	Yes	Yes	04 days
Split lentils	Moisture, Total foreign material, Unhusked grains, Broken and immature grains, Damaged grains	Yes	Yes	04 days
Soya Bean	Moisture, Total foreign material ,Type admixture, Broken and Damaged grains, Immature grains, Insect damaged grains, Aflatoxins	Yes	Yes	04 days
Whole lentils	Moisture, Total foreign material ,Unhusked grains, Broken and immature grains, Damaged grains, Aflatoxin	Yes	Yes	04 days

Sesame seeds	Impurities, Moisture, Oil content, Colour, Protein, Acid value	No	No	04 days
Rice flour	Moisture , Starch content, pH, Total ash, Acid insoluble ash, Aflatoxin	Yes	Yes	04 days
Wheat flour	Moisture ,Total ash, Acid insoluble ash, Protein, Granularity, Wet gluten , Dry gluten, Aflatoxin	Yes	Yes	05 days
Instant Thosai Mix/Thosai Mix and Instant Idly Mix/Idly Mix	Moisture ,Total ash, Acid insoluble ash, Total protein, Leavening index, Aflatoxin	Yes	Yes	05 days
Instant Hopper Mix/Hopper Mix	Moisture ,Total ash, Acid insoluble ash,Total protein, Leavening index, Aflatoxin	Yes	Yes	05 days
Black Gram(Ulundu) Flour	Moisture , Total ash, Acid insoluble ash, Protein, Aflatoxin	Yes	Yes	05 days
Kurakkan flour	Moisture , Starch content, Total ash, Acid insoluble ash, Aflatoxins	Yes	Yes	05 days
Ready to eat extruded snacks	Moisture , Fat, Peroxide value, Acid insoluble ash	No	No	05 days
Textured Soya Protein	Moisture , Protein , Fat , Crude fiber, Ash, Acid insoluble Ash , Peroxide value , Free fatty acids, Aflatoxin	Yes	Yes	05 days
Butter; Salted/ Unsalted	Taste & odour, Texture, Colour & Extraneous matter, Moisture, Milk fat, Salt, Milk solids Non-fat, Refractive index, Acidity	No	No	05 days
Cheese	Colour, Flavour Texture & impurities	No	No	05 days
Curd	Odour, Flavour, Appearance & consistancy, Fat, Milk solids Non-fat,pH & Sorbic acid	No	No	05 days
Dairy fat spread	Appearance, Flavour & aroma, Fat, Salt & FFA (Free Fatty Acids)	No	No	05 days
Ghee (Butter oil)	Appearance, odour, flavour & Added colour & sediments ,RI (Refractive Index) , Moisture, SAP(Saponification Value) & FFA	No	No	05 days
Ice cream	Appearance, odour, flavour, insect infestation, filth, foreign substances, texture, consistancy, Total solids, Fat, Sucrose, Milk solids Non-fat, Acidity	No	No	05 days
Infant formula	Appearance, odour, flavour, Consistancy & particle size, Energy, Protein, Total fat, Total carbohydrates, Moisture, Solubility, Titratable acidity	No	No	05 days
Malted foods	Appearance, Flavour and odour, Absence of mold growth & insect infestation, Moisture	No	No	05 days

Milk added drinks	General requirements, Flavour, Odour, Free from extraneous matter, Total solids, Total sugar	No	No	05 days
Milk powder, FMP/ SMP/ partly	Appearance, Flavour, Moisture, Milk fat, RI, Milk protein in MSNF, Acidity	Yes	Yes	05 days
Raw & Processed milk	Appearance and consistency, flavour and odour, added colours, Milk fat, Milk solids other than milk fat, Turbidity test	No	No	05 days
Sweetened Condensed Milk	Appearance and consistency, flavour and odour, Fat, Total milk solids, Milk solids Non-fat, Milk protein in milk solids-Not-fat, Sucrose, Acidity & Total ash	No	No	05 days
Yoghurt	Appearance, flavour and odour, Dirt & Extraneous matter, Milk Fat, Milk solids Non-fat, Protein, pH, Added sugar, Sorbic acid, SO ₂	No	No	05 days
Bakery fats	Moisture, Melting point, Unsaponifiable matter, Free fatty acids	No	No	05 days
Fat spread/ Margarine	Appearance, flavour & aroma, Moisture, Fat, Acidity & Salt	No	No	05 days
Coconut oil; Crude/virgin/white/RBD/Paring	Appearance, foreign matter, sediments, separated water, added colour, odour, taste, RI, Colour, FFA, PV, Moisture & volatile matter, RD, IV, Sap, Unsap	Yes	Yes	08 days
Corn oil; Crude/RBD	Appearance, foreign matter, sediments, separated water, added colour, Rancidity, RI, Colour, FFA, PV, Moisture & volatile matter	Yes	Yes	08 days
Olive Oil ; Virgin/ Refined/extra virgin	Appearance, foreign matter, sediments, separated water, added colour, Rancidity, RI, Colour, FFA, PV, Moisture & volatile matter	Yes	Yes	08 days
Palm oil ; Crude/N/NB/NBD/NRBD	Appearance, foreign matter, sediments, separated water, added colour, odour, taste, RI, Colour, FFA, PV, Moisture & Insoluble impurities, Slip melting point	Yes	Yes	08 days
Peanut (Ground nut) oil ; Crude/RBD	Appearance, foreign matter, sediments, separated water, added colour, Rancidity, RI, Colour, FFA, PV, Moisture & volatile matter & Insoluble impurities, RD, IV, Sap, Unsap & Aflatoxin B1 & total	Yes	Yes	08 days
Palm olein ; Crude/N/NB/RBD/NBD	Appearance, foreign matter, sediments, separated water, added colour, odour, taste, RI, Colour, FFA, PV, Moisture & Insoluble impurities, Slip melting point, Apparent Density, IV, Sap, Unsap & aflatoxin B1 & Total	Yes	Yes	08 days

Palm stearin; Crude/N/NB/RBD	Appearance, foreign matter, sediments, separated water, added colour, odour, taste, RI, Colour, FFA, PV, Moisture & Insoluble impurities, Slip melting point, RD, IV, Sap, Unsap	Yes	Yes	08 days
Palm kernal oil; Crude/RBD/NBD	Appearance, foreign matter, sediments, separated water, added colour, odour, taste, RI, Colour, FFA, PV, Moisture & Insoluble impurities, Slip melting point, RD, IV, Sap, Unsap	Yes	Yes	08 days
Sesame seed oil	Appearance, foreign matter, sediments, separated water, added colour, odour, taste , RI, Colour, FFA, Matter volatile, Insoluble impurities, RD, IV, Sap, Unsap	Yes	Yes	08 days
Soya bean oil; Crude/RBD	Appearance, foreign matter, sediments, separated water, added colour,Rancidity, RI, Colour, FFA, PV, Moisture & volatile matter & Insoluble impurities , RD, IV, Sap & Unsap	Yes	Yes	08 days
Sunflower seed oil ; Crude/RBD/ High Oleic SF	Appearance, foreign matter, sediments, separated water, added colour,Rancidity, RI, Colour, FFA, PV, Moisture & volatile matter & Insoluble impurities , RD, IV, Sap & Unsap. Aflatoxin	Yes	Yes	08 days
Palm kernel olein; Crude/RBD/NBD	Appearance, foreign matter, sediments, separated water, added colour, odour, taste , RI, Colour, FFA, PV, Moisture & Insoluble impurities, Slip melting point, Apparent density, IV, Sap, Unsap	Yes	Yes	08 days
Palm kernel stearin; Crude/RBD/NBD	Appearance, foreign matter, sediments, separated water, added colour, odour, taste , RI, Colour, FFA, PV, Moisture & Insoluble impurities, Slip melting point, Apparent density, IV, Sap, Unsap	Yes	Yes	08 days
Rice bran oil; Crude/RBD	Appearance, foreign matter, sediments, separated water, added colour,Rancidity, RI, Colour, FFA, PV, Moisture & volatile matter, Insoluble & Aflatoxins impurities , RD, IV, Sap, Unsap, Aflatoxins, Fatty Acid Profile	Yes	Yes	08 days
Canned fish	Acidity , Salt	No	No	02 days
Beach-de-mer/ sea cucumber	Moisture, Salt, Acid insoluble ash	No	No	03 days
Dry fish	Salt, Acid insoluble ash	No	No	04 days
Maldive fish	Moisture, Sodium chloride, Acid-insoluble ash	No	No	04 days
Shark fins	Moisture, Sodium chloride, Acid-insoluble ash	No	No	04 days

Fresh Fish	Fat ,Acidity of extracted fat	No	No	04 days
Bacon	Total fat, Sodium chloride, Protein, Acid insoluble ash	No	No	10 days
Comminuted meat products	Lean meat ,Total meat ,Fat, Starch , Total solids , Sodium chloride , Sulfur dioxide, Acid insoluble ash	No	No	10 days
Ham	Moisture , Meat protein, Fat, Acid insoluble ash , Sodium chloride	No	No	03 days
Poultry meat	Physical requirements, Propotion of fluid ,Total volatile Nitrogen	No	No	10 days
Cardamom pods/seeds	General requirements; Aroma & flavour, Colour, Mould, insect infestation, & animal excreta, Foreign & Extraneous matter, Light seeds Physical requirements; Empty & malformed pods, Immature, shrivelled & split pods, Unclipped popds, Bulk density Chemical requirements; Moisture, Total ash, Acid insoluble ash & Volatile oil	No	No	07 days
Ceylon cinnamon	Odour & flavour, Mould, insect infestation & animal excreta, Foreign & extraneous matter, Colour, Grading, Particle size, Moisture, Total Ash, Acid insoluble ash & Volatile oil	Yes	Yes	07 days
Chilli; whole and ground	Aroma & flavour, Colour, Mould, insect infestation, & animal excreta, Extraneous matter, Unripe, marked or broken fruits, Stalks content, Particle size, Moisture, Total ash, Acid insoluble ash, Crude fibre, Non-volatile ether extract & Damaged & discoloured fruits & loose seeds, Aflatoxin	Yes	Yes	07 days
Corriander; whole & ground	Aroma & flavour, , Mould, insect infestation, & animal excreta, Particle size, Moisture, Total ash, Acid insoluble ash, Non-volatile ether extract , Volatile oil & Split fruits & Insect damaged & discoloured fruits	Yes	Yes	07 days
Cloves, whole	Colour, Aroma & flavour, Colour, Mould, insect infestation, & animal excreta, Whole; Headless cloves,Clove stem & Clove fruits, Fermented cloves, extraneous & foreign matter, Moisture, Volatile oil	Yes	Yes	07 days
Cloves, Ground	Colour, Aroma & flavour, Colour, Mould, insect infestation, & animal excreta, Ground, Fineness, Moisture, Total ash,	Yes	Yes	07 days

		Acid insoluble ash, Moisture, Volatile oil, Crude fiber			
	Curry powder	Aroma & flavour, Mould, insect infestation, & animal excreta, Extraneous matter, Fineness, Moisture, Acid insoluble ash, Crude fibre, Non-volatile ether extract & Volatile oil	Yes	Yes	07 days
	Fennel; whole /ground	Aroma & flavour, Colour, Mould, insect infestation, & animal excreta, Particle size, Physical requirements; Foreign & extraneous matter, Shrivelled & Immature seeds,Broken,Damaged,discoloured & weevilled seeds, Chemical requirements; Moisture, Total ash, Acid insoluble ash & Volatile oil	Yes	Yes	07 days
	Fenugreek; whole/ground	Odour & flavour, colour, Mould, insect infestation, & animal excreta, Foreign & extraneous matter, Particle size, Physical requirements; Colours, Foreign & extraneous matter, Immature seeds,Damaged,Discoloured & weevilled seeds, Chemical requirements: Moisture, Total ash, Acid insoluble ash, Cold water extract	Yes	Yes	07 days
	Cumin; whole /ground	Aroma & flavour, Colour, Mould, insect infestation, & animal excreta, Particle size, Physical requirements; Foreign & extraneous matter, Shrivelled & Immature seeds,Broken,Damaged,Discoloured & weevilled seeds, Chemical requirements; Moisture, Total ash, Acid insoluble ash, Volatile oil and Non-volatile ether extract	Yes	Yes	07 days
	Mustard; whole /ground	Appearance, Odour & flavour, Mould, insect infestation, & animal excreta,Damaged seeds, Particle size, Chemical requirements; Moisture, Total ash, Acid insoluble ash and Non- volatile ether extract, Aflatoxin	Yes	Yes	07 days
	Ginger,Dried/Dehydrated	Aroma & flavour, Mould, insect infestation, & animal excreta, Foreign & extraneous matter, Particle size, Added colours, Moisture, Total ash, Water soluble ash, Acid insoluble ash, Volatile oil, Alcohol soluble extract	Yes	Yes	07 days

Nutmeg & mace, whole, pieces/ground	Odour & flavour, Colour, Mould, insect infestation, & animal excreta, Foreign & Extraneous matter, Particle size, Physical requirements, No of nut/kg, Nuts with rattling sound, Shells & pieces, Broken pieces. Chemical requirements; Moisture, Total ash, Acid insoluble ash & Volatile oil, Aflatoxins	Yes	Yes	07 days
Pepper ; Black , whole	Appearance, Odour & flavour, Mould & insect infestation, Extraneous matter, Light berries & broken berries, Pinheads, Bulk density, Moisture, Total Ash, Non-volatile ether extract, Volatile oil, Piperine content	Yes	Yes	07 days
Pepper; White , whole	Appearance, Odour & flavour, Mould & insect infestation, Extraneous matter, Broken berries, Black berries, Light berries, Bulk density, Moisture, Total Ash, Non-volatile ether extract, Volatile oil, Piperine content	Yes	Yes	07 days
Turmeric; whole & Ground	Aroma & flavour, Mould, insect infestation, & animal excreta, Extraneous matter, Fineness, Moisture, Total ash, Acid insoluble ash & Curcumin	Yes	Yes	07 days
Brown sugar	Loss on drying , Colour, Polarization value , Invert sugar, sulfated ash	No	No	05 days
White sugar	Loss on drying, Polarization value , Invert sugar, Colour, Water insoluble matter, Sulfur dioxide, conductivity ash	No	No	05 days
Icing sugar	Loss on drying , Polarization value , Invert sugar, Colour, Water insoluble matter, Sulfur dioxide, Conductivity ash	No	No	05 days
Chewing gum and bubble gum	Gum base content, Moisture, Ash sulphated, Acid insoluble ash, Reducing sugars, Sucrose	No	No	05 days
Chocolate	Cocoa butter, Fat Free cocoa solids, Total cocoa solids, Total fat, Sugar	No	No	07 days
Cocoa Powder	Cocoa butter; moisture, Total ash, Acid Insoluble ash, Alkalinity of Ash, Crude fibre	No	No	05 days
Cocoa based confectionery	Fat Free cocoa solids, Total fat, Sugar	No	No	06 days
Soft candy	Moisture, Ash sulphated, Acid insoluble ash, Reducing sugars, Sucrose, Fat, Sulphur dioxide	No	No	07 days

Hard candy	Additives, Foreign matter, Microscopic examination, Adulterants, Sensory characteristics, Moisture, Total reducing sugars, Sucrose, Ash, Acidity express as formic acid, Hydroxy methyl furfural content , Fructose glucose ratio	No	No	07 days
Jaggary	Moisture, Total ash, Acid insoluble ash, Matter insoluble in water, Reducing sugars, Non -reducing sugars	No	No	07 days
Jelly crystals	Moisture, Gelatine content, Total sugars as sucrose, Total ash, Acidity ash anhydrous citric acid	No	No	07 days
Custard powder	Physical Appearance, Flavour, Foreign matter, Gel strength, Sulfur dioxide, Moisture, starch, Total ash excluding sodium chloride, Acid insoluble ash	No	No	07 days
Gelatine - (Food Grade)	solubility, Transperancy, Gel Strength, Moisture Total Ash, Sulfur dioxide ,Nitrogen, pH value	No	No	07 days
Treacle Part 1 : Kithul treacle	Appearance, Aroma & flavour, Water content, Total sugars as inverted sugar, Reducing sugars; Acidity (as acitic acid), Total ash, Acid insoluble ash, Matter insoluble in water, Sugar Profile	No	No	07 days
Aqueous coconut products, Coconut milk	Appearance, Flavour & odour, Total solids, Fat , Non fat solid, Moisture, pH at 27+ 2 °C	No	No	07 days
Artificial vinegar	Taste & odour, Added colouring matter, Freedom from sedimentation, Acidity	No	No	07 days
Coconut milk powder	Moisture, Fat, Protein, Total ash, pH at 25 °C , Free fatty acids, Aflatoxins	Yes	Yes	07 days
Coconut vinegar	Total acidity, Total solids, Permanganate oxidation value, Alkaline oxidation value, Iodine value , Residual ethyl alcohol	No	No	07 days
Desiccated coconut	Appearance ,flavour, odour extraneous matter, Parings, Particle size, Moisture, Oil content, FFA , Total ash & Acid insoluble ash	No	No	07 days
Trafic light - Non sairy based food	Trafic light tests - Sugar, Salt, Fat	No	No	07 days
Trafic light -Dairy Based Food	Trafic light tests - Sugar, Salt, Fat	No	No	07 days
Nutritional Test	Total Sugar, Total carbohydrate, Total Fat, Protein & Energy	No	No	10 days
Nutritional Test	Saturated fatty acids, Monounsaturated fatty acids & Polyunsaturated fatty acids, Trans Fat Together or any one of these	No	No	03 days

Animal feed	Moisture, Particla size, Crude fibre, Crude Protein, Ammoniacal Nitrogen, Crude Fat, Total ash, Acid Insoluble Ash, Chloride as NaCl	No	No	10 days
Fish meal	Moisture, Crude Protein, Ammoniacal Nitrogen, Crude Fat, Acid Insoluble Ash, Chloride as NaCl	No	No	07 days
Chilli Sauce	Appearance, Flavour & odour, Texture, Colouring substances, Total solids, Total soluble solids, Acidity, Total sugars, Sulphur dioxide , Benzoic acid, Sorbic acid	Yes	Yes	07 days
Chutney	Appearance, Flavour & odour, Texture, Fruit content, Acidity, Total ash, Acid insoluble ash, Total soluble solids, Sulphur dioxide , Benzoic acid, Sorbic acid	Yes	Yes	07 days
Jam, jellies and marmalades	Defects, Soluble solids, Fill of container, Sulphur dioxide, Sorbic acid	Yes	Yes	05 days
Mushrooms; processed	Mioisture, Acid insoluble ash, salt, sugar	No	No	05 days
Pickles	Acidity, salt, Fluid content	No	No	03 days
Pickles; oil based	Acidity, salt, Fluid content, oil content, acidity of extracted fat, P/V in extracted oil	No	No	03 days
Table grapes	Brix/ acidity ratio	No	No	02 days
Fresh Fruits	Total Soluble Solids(Brix)	No	No	01 day
Tomato sauce	Appearance, Flavour & odour, Texture, Colouring substances, Total solids, Total soluble solids, Acidity; Sulphur dioxide , Benzoic acid , Sorbic acid	Yes	Yes	04 days
Soya sauce	pH, Salt as Sodium chloride, Benzoic acid, Sorbic acid	Yes	Yes	04 days
Chemical Laboratory (Residual Analysis)				
Food Items				
Cereal & Cereal based products	As, Pb, Cd, Hg	Yes	Yes	Max 10 days
	Inorganic As	Yes	Yes	Max 10 days
Fish & Meat products	As(total), Sn, Cd, Hg, Pb	Yes	Yes	Max 10 days
	Inorganic As	Yes	Yes	Max 10 days
Fats & Oils products	As, Pb, Cd, Hg	Yes	Yes	Max 10 days
Spices	As, Pb, Cd, Hg	Yes	Yes	Max 10 days
Sugar & Sugar based products	As, Pb, Cd, Cu, Cr	Yes	Yes	Max 10 days
Fruits & Vegetable based products	Pb, Cd, Sn, Inorganic As	Yes	Yes	Max 10 days
Legumes based products	As, Pb, Cd, Hg	Yes	Yes	Max 10 days
Soft drinks	As, Pb, Cd, Sn	Yes	Yes	Max 10 days
Coffee	As, Pb, Cd, Hg	Yes	Yes	Max 10 days

Milk based products	As, Pb, Cd, Hg	Yes	Yes	Max 10 days
Foodstuffs of marine and plant origin	Inorganic As	Yes	Yes	Max 10 days
Tea - Black tea, Green tea	As, Pb, Cd, Hg, Zn, Fe	In progress	No	Max 10 days
Salt	As, Pb, Cd, Hg	In progress	No	Max 10 days
Brown Rice / Fortified Rice	As, Pb, Cd, Hg, Fe	In progress	No	Max 10 days
Fortified rice Kenel/Pre-mix/ Fortified rice/Pasta	Folic acid - B9, Vitamin B12	In progress	No	Max 10 days
Water				
Bottle Drinking water / Natural water / Source water / Ice	As, Pb, Cd, Cr, Cu, Ni, Mn, Se, Sb, Hg, Ba, Zn, Al	Yes	Yes	Max 10 days
	Be, Sn, B, Fe, Co, Mo, V, Li, U	In progress	No	Max 10 days
Fertilizer				
Urea, SSP, SOA, MOP, TSP, Kieserite, Mixed fertilizer, Organic Liquid	As, Pb, Cd, Cr, Ni	Yes	Yes	Max 10 days
DAP	As, Pb, Cd, Cr, Ni	In progress	No	Max 10 days
Cosmetic Products				
Toothpaste, Baby cologne, Lipstick, Skin cream and lotion, Baby oil, Hair shampoo, Hair cream, Shaving cream	As, Pb, Cd, Hg, Sb	Yes	Yes	Max 10 days
Hair Dye, Skin powder, perfume and cologne, Hand sanitizer	As, Pb, Cd, Hg, Sb	Yes	Yes	Max 10 days
Alcoholic products				
Alcoholic beverages, perfumes, cologne, Hand sanitizer	Ethanol Content, Isopropanol alcohol content, pH	In progress	No	Max 10 days
Bisphenols in polymer based products				
Feeding bottle, Reusable plastic bottle, Lunch boxes and other products made from polymer material	BPA, BPS, BPF	In progress	No	Max 10 days
Textile & Polymer Material				
Migration of Elements in textile, Toys, Reusable plastic containers, Feeding bottle, Reusable plastic bottles	As, Pb, Cd, Hg, Cr, Co, Cu, Sb, Ba, Ni, Se	In progress	No	Max 10 days
LPG Gas				

LPG analysis	Propane, Butane, C5 & Higher HC content, Dienes, Alkynes, Vapour pressure, Relative density	In progress	No	Max 1day
Textile , Paper & Polymer Laboratory				
Sanitary Napkins - Regular	pH, Absorbancy and leakage, moisture, Ash content,	No	No	08 days
Sanitary Napkins - UltraThin	pH, Absorbancy and leakage, moisture	No	No	04 days
Polyester Sewing Thread	SLS 757, Ticket No: Tex, Tensile strengtj, Elongation	No	No	04 days
Cotton Sewing Thread	SLS 112	No	No	05 days
Umbrella	SLS 1207, Properties of Rib structure, properties of umbrella fabric	No	No	05 days
Exercise Book	SLS 382; GSM, Bursting, Water absorption, binding properties	No	No	12 days
Kraft Liner Board Tea Sack - Full Test	SLS 1474, GSM, Tensile properties, Laminated film properties, drop test, Bursting strength	No	No	12 days
Cotton Bandages	SLS 172, pH, Moisture content, Absorbancy	No	No	10 days
Composite Kraft Liner Board	SLS 1548, GSM, Tensile properties, Laminated film properties, drop test, Bursting strength	No	No	12 days
Multiwall Paper Tea Sacks - 3 Ply	SLS 1492, GSM, Tensile properties, Laminated film properties, drop test, Bursting strength	No	No	12 days
Multiwall Paper Sacks-4 Ply	SLS 1492, GSM, Tensile properties, Laminated film properties, drop test, Bursting strength	No	No	12 days
Toilet Tissue	SLS 798, Tensile properties, GSM, Absorption rate, pH	No	No	10 days
Paper Towel	SLS 1338, Tensile properties, GSM, Absorption rate, pH	No	No	10 days
Paper Serviettes	SLS 1339, Tensile properties, GSM, Absorption rate, pH	No	No	10 days
Facial Tissue	SLS 1340, Tensile properties, GSM, Absorption rate, pH	No	No	10 days
Fabric , garments	Tensile strength	Yes	Yes	02 days
	Tearing Strength(trouser test piese)	Yes	Yes	02 days
	pH	Yes	Yes	02 days
	GSM	Yes	Yes	02 days
	Yarn count/ per direction	No	No	02 days
	Fabric/ Fiber Composition	No	No	06 days
	Tearing Strength(Tough method or Elmendorf Tear Test)	No	No	04 days
	Colour fastness to light	No	No	04 days
Colour fastness to water	No	No	04 days	

		Colour fastness to perspiration	No	No	04 days		
		Colour fastness to Rubbing	No	No	04 days		
		Colour fastness to washing	No	No	04 days		
		Dimensional change in washing	No	No	04 days		
		Crease Recovery	No	No	03 days		
		Skewness	No	No	03 days		
		Bursting strength	No	No	03 days		
	Fabric, coated fabric, Tarpuline, Canvas	Resistance to water penetration(Bundasmann rain shower teat)	No	No	02 days		
	Fabric, coated fabric, Tarpuline, Canvas	Resistance to surface wetting	No	No	02 days		
	Woven poly propylene bag	Bursting strength, GSM,Dimensions, TEX, Filler %	No	No	10 days		
	Sports shoes, Leather shoes, Boot	Whole sole flexing	No	No	03 days		
	Sports shoes, Leather shoes, Boot	Whole shoe flexing	No	No	03 days		
	Sports shoes, Leather shoes, Boot	Abrasion resistance for sole	No	No	02 days		
	Sports shoes, Leather shoes, Boot	Adhesion strength(teo & heel)	No	No	02 days		
	Sports shoes, Leather shoes, Boot	Hardness of out sole & midsole	No	No	02 days		
	Socks	Composition, pH,Dimension, stretch properties	No	No	07 days		
	Leather belt & buckels	Tanning type of leather, type and materials of buckles and accessories, Dimensions	No	No	05 days		
	Schooll bags	All parameters in SLS 1430	No	No	10 days		
	Photo copy papers	All parameters as SLS 834	No	No	08 days		
	Ropes, webbings	Tensile strength	No	No	05 days		
	Mosquito net	Composition, type of net, bursting strength,Dimensions	No	No	08 days		
	Baby diapers and adult diapers	pH, Moisture, Absorbance,Dimension	No	No	08 days		
	Baby diapers	Absorption rate & leakage	No	No	08 days		
Industrial Technology Institute (ITI)	Microbiology					Prof. Ilmi Hewajulige (Director General) Address :Industrial Technology Institute (ITI),363, Baudhaloka Mawatha, Colombo 7 0112797310 Email:dg@iti.lk	
	Pharmaceuticals	Aerobic plate count	Yes	Yes	06 days		T.P
		Yeasts and moulds count	Yes	Yes	09 days		
		<i>Staphylococcus aureus</i>	Yes	Yes	09 days		
		<i>Pseudomonas aeruginosa</i>	Yes	Yes	09 days		
		<i>E.coli</i>	Yes	Yes	09 days		
		<i>Salmonella</i>	Yes	Yes	08 days		
		<i>Candida albicans</i>	Yes	Yes	10 days		
	Medical Devices	Bioburden test	No	No	09 days		

		Sterility test	No	No	23 days
		Killing efficiency	No	No	05 days
		Bacterial filtration efficiency	No	No	05 days
		Breathability	No	No	02 days
		Microbial cleanliness	No	No	09 days
	Pesticides	<i>Staphylococcus aureus</i>	No	No	05 days
		<i>Pseudomonas aeruginosa</i>	No	No	06 days
		<i>E.coli</i>	No	No	08 days
		<i>Salmonella spp.</i>	No	No	08 days
	Liquid Fuel	Microbiological contamination	No	No	10 days
	Water	Algal count	No	No	03 days
		Aerobic plate count 30°C	No	No	06 days
		Coliforms			07 days
		Faecal Coliforms/Thermotolerant Coliforms	No	No	07 days
		<i>E.coli</i>			08 days
		Intestinal enterococci	No	No	04 days
		<i>Pseudomonas aeruginosa</i>			
		Sulphide reducing anaerobes	No	No	04 days
		<i>Salmonella spp.</i>	No	No	08 days
		Bottled Drinking water	Aerobic plate count 37°C	No	No
	Total Coliforms		No	No	07 days
	<i>E.coli</i>		No	No	08 days
	Aerobic plate count 22°C		No	No	06 days
	Aerobic plate count 37°C		No	No	06 days
	Coliforms (MF)		No	No	06 days
	<i>E.coli</i> (MF)		No	No	06 days
	Intestinal Enterococci (MF)		No	No	04 days
	<i>Pseudomonas aeruginosa</i> (MF)		No	No	06 days
	Sulphite reducing anaerobes (MF)		No	No	04 days
	Waste water	Total Coliforms	No	No	07 days
		Faecal Coliforms / Thermotolerant Coliforms	No	No	07 days
		<i>E.coli</i>	No	No	08 days
		Standard plate count	No	No	06 days
		Total Coliforms	No	No	07 days
		1st organism + process	No	No	10 days
		Addition of 2nd organism	No	No	10 days
		Addition of 3rd organism	No	No	10 days
		Addition of 4th organism	No	No	10 days
	Ice	Aerobic plate count 30°C	No	No	06 days
		Aerobic plate count 37°C	No	No	06 days
		Aerobic plate count 22°C	No	No	06 days

		Total Coliforms	No	No	07 days
		<i>E.coli</i>	No	No	08 days
		Intestinal Enterococci (MF)	No	No	04 days
		Sulphide reducing anaerobes	No	No	04 days
	Yeast	Bakers yeast	No	No	06 days
		Bakers yeast	No	No	07 days
		Bakers yeast	No	No	08 days
		Bakers yeast	No	No	08 days
	Butter	Coliforms	No	No	07 days
		Moulds	No	No	09 days
		Yeasts	No	No	09 days
		Lipolytic organisms	No	No	05 days
	Cosmetics	Mesophilic bacteria	No	No	06 days
		<i>Staphylococcus aureus</i>	No	No	09 days
		Yeast and moulds count	No	No	09 days
		<i>E.coli</i>	No	No	09 days
		<i>Candida albicans</i>	No	No	10 days
		<i>Pseudomonas aeruginosa</i>	No	No	09 days
	Tea/ Liquid Tea	Aerobic plate count	No	No	03 days
		Coliform	No	No	02 days
		<i>E.coli</i>	No	No	04 days
		<i>Salmonella</i>	No	No	04 days
		Yeast and moulds count	No	No	07 days
	Spices	Coliforms	No	No	02 days
		<i>Salmonella</i>	No	No	04 days
		<i>Escherichia coli</i>	No	No	04 days
		<i>Staphylococcus aureus</i>	No	No	09 days
		Yeast and mould count	No	No	07 days
		Yeast and mould	No	No	07 days
	Creams & Lotions	Thermal stability	Yes	Yes	04-05 days
		pH at 27 ± 2°C	Yes	Yes	04-05 days
		Non volatile matter at 105°C	Yes	Yes	04-05 days
		Water content	Yes	Yes	04-05 days
		Peroxide value	Yes	Yes	04-05 days
		SPF value	No	Yes	04-05 days
		Coloring matter	No	Yes	04-05 days
		Spreadability	No	Yes	04-05 days
	Creams and Lotions for babies	Thermal stability	Yes	Yes	04-05 days
		pH at 27 ± 2°C	Yes	Yes	04-05 days
		Non volatile matter at 105°C	Yes	Yes	04-05 days
		Water content	Yes	Yes	04-05 days
		Peroxide value	Yes	Yes	04-05 days
		Coloring matter	No	Yes	04-05 days

		Spreadability	No	Yes	04-05 days
Hair creams		Thermal Stability	Yes	Yes	04-05 days
		Water Content	Yes	Yes	04-05 days
		pH at 27 ± 2 °C	Yes	Yes	04-05 days
		Total Non-Aqueous Content	Yes	Yes	04-05 days
		Peroxide Value	Yes	Yes	04-05 days
		Coloring matter	No	No	04-05 days
		Spreadability	No	No	04-05 days
Shaving creams		Non volatile matter at 105°C	Yes	Yes	04-05 days
		Water content	Yes	Yes	04-05 days
		Lather volume	Yes	Yes	04-05 days
		Free caustic alkali	Yes	Yes	04-05 days
		Thermal Stability	Yes	Yes	04-05 days
Shampoo		Active synthetic anionic ingredient content	Yes	Yes	04-05 days
		pH at 27 ± 2 °C	Yes	Yes	04-05 days
		Inorganic salts	Yes	Yes	04-05 days
		Coloring matter	No	No	04-05 days
Baby Shampoo		Active synthetic anionic ingredient content	Yes	Yes	04-05 days
		pH at 27 ± 2°C	Yes	Yes	04-05 days
		Inorganic salts	Yes	Yes	04-05 days
		Coloring matter	No	No	04-05 days
Perfume		Stability of smell	No	No	02-03 days
		Cloudiness	No	No	02-03 days
		Ethanol content	Yes	Yes	02-03 days
		pH (neat)	Yes	Yes	02-03 days
Colognes/ Baby colognes/		Ethanol content	Yes	Yes	02-03 days
Aftershave		pH	Yes	Yes	02-03 days
		Cloudiness	No	No	02-03 days
Hair Oil		Peroxide value	Yes	Yes	03-04 days
		Acid value	Yes	Yes	03-04 days
		Stability	No	No	03-04 days
		Coloring matter	No	No	03-04 days
		Test for mineral oils	No	No	03-04 days
Baby oil		Peroxide Value	Yes	Yes	03-04 days
		Acid value	Yes	Yes	03-04 days
		Sulphur and Sulphides	No	No	03-04 days
		Stability	No	No	03-04 days
		Coloring matter	No	No	03-04 days
		Test for mineral oils	No	No	03-04 days
		Matter insoluble in Boiling water	Yes	Yes	03-04 days
Skin Powder		Fineness	Yes	Yes	04-05 days

		Residue on 75 µm sieve	Yes	Yes	04-05 days
		Residue on 150 µm sieve	Yes	Yes	04-05 days
		Moisture & Volatile Matter	Yes	Yes	04-05 days
		pH aqueous suspension	Yes	Yes	04-05 days
	Baby Powder	Matter insoluble in Boiling water	Yes	Yes	04-05 days
		Fineness	Yes	Yes	04-05 days
		Residue on 75 µm sieve	Yes	Yes	04-05 days
		Residue on 150 µm sieve	Yes	Yes	04-05 days
		Moisture & Volatile Matter	Yes	Yes	04-05 days
		pH aqueous suspension	Yes	Yes	04-05 days
	Toilet Soap	Total fatty matter including rosin acids	Yes	Yes	05-06 days
		Rosin acids content percent by mass of the total fatty matter	No	No	05-06 days
		Matter insoluble in ethanol	Yes	Yes	05-06 days
		Free caustic alkali as NaOH	Yes	Yes	05-06 days
		Total free alkali as NaOH	Yes	Yes	05-06 days
		Chlorides as NaCl	Yes	Yes	05-06 days
	Bathing Bar	pH of 1 % solution at 40+0.5°C	Yes	Yes	06-07 days
		Free caustic alkali (as NaOH)	Yes	Yes	06-07 days
		Mush (loss in mass due to mashing)	Yes	Yes	06-07 days
		Total fatty matter	Yes	Yes	06-07 days
		Synthetic surface active agent	Yes	Yes	06-07 days
	Liquid Toilet Soap	Total fatty matter	Yes	Yes	05-07 days
		Matter insoluble in ethanol	Yes	Yes	05-07 days
		Total free alkali (as NaOH)	Yes	Yes	05-07 days
		pH at 27 ± 2 °C	Yes	Yes	05-07 days
	Baby Soap	Total fatty matter	Yes	Yes	05-06 days
		Freedom from rosin	Yes	Yes	05-06 days
		Matter insoluble in ethanol	Yes	Yes	05-06 days
		Free caustic alkali (as NaOH)	Yes	Yes	05-06 days
		Total free alkali (as NaOH)	Yes	Yes	05-06 days
		Chlorides (as NaCl)	Yes	Yes	05-06 days
		pH at 27 ± 2 °C	Yes	Yes	05-06 days
	Soft Soap	Total fatty matter	No	No	05-06 days
		Matter insoluble in ethanol	No	No	05-06 days
		Free caustic alkali (as NaOH)	No	No	05-06 days
		Total free alkali (as NaOH)	No	No	05-06 days
	Lauandry Soap Powder	Total fatty matter including rosin acids	No	No	05-06 days
	Flakes and chips	Matter insoluble in ethanol	No	No	05-06 days
		Free caustic alkali (as NaOH)	No	No	05-06 days
		Total free alkali (as NaOH)	No	No	05-06 days
		Total unsaponified matter	No	No	05-06 days
		Chlorides calculated as NaCl	No	No	05-06 days

		Synthetic surface active agents	No	No	05-06 days
		pH at 27 ± 2 °C	No	No	05-06 days
		Total fatty matter including rosin acids	No	No	05-06 days
		Matter insoluble in ethanol	No	No	05-06 days
		Free caustic alkali (as Na ₂ O)	No	No	05-06 days
		Chlorides calculated as NaCl	No	No	05-06 days
		Moisture and volatile matter	No	No	05-06 days
		Total unsaponified matter	No	No	05-06 days
		Moisture and Volatile matter	Yes	Yes	05-06 days
	Toothpaste	pH of aqueous suspension	Yes	Yes	05-06 days
		Fineness	Yes	Yes	05-06 days
		Residue on 75 µm sieve	Yes	Yes	05-06 days
		Residue on 150 µm sieve	Yes	Yes	05-06 days
		Total Fluoride	Yes	Yes	05-06 days
		Abrasion	No	No	05-06 days
		Stability	No	No	05-06 days
		Extrusive content, Consistency, Cohesiveness	No	No	05-06 days
		Tube /Sachet inertness	No	No	05-06 days
	Face Wash	pH at 27 ± 2 °C	No	No	02-03 days
	Hand Wash	pH at 27 ± 2 °C	No	No	02-03 days
	Body Wash	pH at 27 ± 2 °C	No	No	02-03 days
	Body Scrub/Face Scrub	pH at 27 ± 2 °C	No	No	02-03 days
	Hair dye	pH of 5% solution in water	Yes	Yes	03-04 days
		Dye ingredients	No	No	03-04 days
		Active matter as PPD content	No	No	03-04 days
	Hair Colour	pH at 27 ± 2°C	No	No	03-04 days
		Active matter as PPD content	No	No	03-04 days
		Dye Ingredient	No	No	03-04 days
	Hair Colour developer	pH at 27 ± 2°C	No	No	03-04 days
		Assay (as H ₂ O ₂)	No	No	03-04 days
	Hair straighteners	Thioglycolic acid	No	No	03-04 days
		pH at 27 ± 2°C	No	No	03-04 days
	Hair Gel	Thermal Stability	No	No	04-05 days
		Water Content	No	No	04-05 days
		pH at 27 ± 2 °C	No	No	04-05 days
		Total Non-Aqueous Content	No	No	04-05 days
		Peroxide Value	No	No	04-05 days
	Liquid detergents	Active ingredient content	No	No	05-06 days
	Household use	pH at 27 ± 2 °C	No	No	05-06 days
		Solubility	No	No	05-06 days
		Rinsing properties	No	No	05-06 days
		Total Non –detergent organic matter	No	No	05-06 days

	Scouring Powders	Matter volatile at 105°C ± 2 °C	No	No	05-06 days
		Surface active ingredients	No	No	05-06 days
		Total fatty matter derived from soap	No	No	05-06 days
		Anhydrous synthetic detergents	No	No	05-06 days
		Free alkali as NaOH	No	No	05-06 days
		Mineral matter insoluble in water	No	No	05-06 days
		Available chlorine	No	No	05-06 days
		Sieve test	No	No	05-06 days
		a) Residue retained on 250µm sieve	No	No	05-06 days
		b) Residue retained on 150µm sieve	No	No	05-06 days
		c) Residue retained on 75µm sieve	No	No	05-06 days
	Synthetic Laundry	Active ingredient content	No	No	05-06 days
	Detergent Powder	Total phosphates expressed as Sodium tripolyphosphate	No	No	05-06 days
		pH of 1 percent solution at 27 ± 2 °C	No	No	05-06 days
		Matter insoluble in water content	No	No	05-06 days
		Non-detergent organic matter content	No	No	05-06 days
		Available O ₂ content as sodium perborate	No	No	05-06 days
	Oils (which are Non-food grade/used as a raw material for cosmetic formulation/other)	Refractive Index (nD 40 °C)	No	No	06-08 days
		Relative density at 30 °C	No	No	06-08 days
		Moisture & other matter volatile at 105 °C	No	No	06-08 days
		Free fatty acids	No	No	06-08 days
		Iodine value	No	No	06-08 days
		Saponification value	No	No	06-08 days
		Unsaponifiable matter	No	No	06-08 days
		Peroxide value	No	No	06-08 days
		Mineral acidity	No	No	06-08 days
		Insoluble impurities	No	No	06-08 days
		Soap content	No	No	06-08 days
		Fatty acid profile	No	No	06-08 days
		Test for Mineral Oil	No	No	06-08 days
		Total fatty matter	No	No	06-08 days
	Toilet bowl cleaners	Rinsing properties	Yes	Yes	05-06 days
		Solubility	Yes	Yes	05-06 days
pH		Yes	Yes	05-06 days	
HCl content		Yes	Yes	05-06 days for all	
Tile Cleaners	Odor	Yes	Yes	05-06 days for all	
	Colour	Yes	Yes		
	Stability	Yes	Yes		
	Total Non volatile matter	Yes	Yes		
	pH	Yes	Yes		

		QAC/ AI Content	Yes	Yes		
Sri Lanka Atomic Energy Board	Water	Stable isotopes in water using LGR DLT100 -(d2H and d18O)	No	IAEA accepted method	05-06 days	Ms.Champa K. Dissanayake Director General (Acting) Adress:No.60/460, Baseline Road, Orugodawatta, Wellampitiya, Sri Lanka Tel: Office + 94 11 253 3427 Fax: + 94 11 253 3448 Email:champa@aeb.gov.lk
		Tritium in water	No	IAEA accepted method	02-03 months	
		Major ions by ion chromatography method, dual injection system, simultaneous analysis of both anions and cations from a single sample vial (Na ⁺ , NH ₄ ⁺ , K ⁺ , Mg ²⁺ , Ca ²⁺ , PO ₄ ³⁻ , F ⁻ , Cl ⁻ , Br ⁻ , I ⁻ , NO ₃ ⁻ , and SO ₄ ²⁻)	No	No	1-2 weeks	
		pH / EC analysis of water	No	No	03-04 days	
		TDS in water by multiparameter	No	No	03-04 days	
		Salinity in water by multiparameter	No	No	03-04 days	
		Resistivity in water by multiparameter	No	No	03-04 days	
		Total Hardness in water	No	No	03-04 days	
		Alkalinity analysis in water	No	No	03-04 days	
		Spectrophotometric determination of nitrite and phospate in water	No	No	03-04 days	
		Spectrophotometric determination of iron in water	No	No	03-04 days	
		Ammonium in water by multiparameter	No	No	03-04 days	
	Personal Monitoring (TLD – Bimonthly) – Government Hospitals	External gamma dose monitoring using TLD badges; dose evaluation and reporting	Not accredited (QA-controlled)	Accepted for regulatory inspections	02–03 weeks after badge return	
	Personal Monitoring (TLD – Bimonthly)	External gamma dose monitoring using TLD badges; dose evaluation and reporting	ISO/IEC 17025:2017	Accepted for regulatory compliance; aligned with IAEA standards	02–03 weeks after badge return	
	Personal Monitoring (TLD – Monthly)	Monthly external dose monitoring using TLD with card rental	ISO/IEC 17025:2017	Accepted for regulatory compliance; aligned with IAEA standards	02 weeks	
Calibration – Gamma Survey Meter / Area Monitor	Calibration of gamma radiation instruments using reference sources	ISO/IEC 17025:2017	Regulatory acceptance; IAEA-aligned methodology	02–05 days		
Calibration – Gamma & X-ray Survey Meter	Calibration of gamma and X-ray radiation instruments	ISO/IEC 17025:2017	Traceability to IAEA / BIPM standards	04–06 days		

Calibration – Pocket Dosimeter	Calibration of direct-reading pocket dosimeters	ISO/IEC 17025:2017	Internationally traceable calibration	02–05 days	
Calibration – Contamination Monitor	Calibration of alpha/beta/gamma contamination monitors	Not accredited (QA-controlled)	Regulatory and industrial acceptance	02–05 days	
Gamma Spectroscopy Analysis	Qualitative and quantitative radionuclide analysis	Not accredited (QA-controlled)	Accepted for regulatory inspections	01- 02 days	
Gamma Dose Rate Measurement	Field and laboratory gamma dose-rate measurements	QA-controlled	Methods based on IAEA guidelines	01–02 days	
Radioactivity- Chemical Testing	Testing of imported milk powder, allied products and tea by NaI[Tl]	ISO/IEC 17025:2017	Accepted for surveys and assessments	03 days	
Radioactivity- Chemical Testing	Detailed Radioactivity measurements- HPGe analysis	ISO/IEC 17025:2017	IAEA standard method	03 days	
Radioactivity- Chemical Testing	X-ray fluorescence (XRF) analysis by EDXRF	Not accredited	IAEA standard method	03 days	
Radioactivity- Chemical Testing	PXRF (portable XRF) analysis	Not accredited	IAEA standard method	03 days	
Radioactivity- Chemical Testing	Gross alpha- beta measurements in industrial waste water, water and other solid samples	ISO/IEC 17025:2017	IAEA standard method	03 days	
Chemical Testing	Isotope Ratio Mass Spectrometry (IRMS)	Not accredited	EPA method	03 days	
Chemical Testing	Fourier-transform infrared spectroscopy (FRIR) analysis	Not accredited	IAEA standard method	03 days	
Medical product sterilization (25 kGy)	Industrial Irradiator	N/A	IAEA standard method	6 days	
Dry food products, including spices, herbs, and comparable items, subjected to irradiation at doses up to 10 kGy.	Industrial Irradiator	N/A	IAEA standard method	07 days	

	Activated carbon and other similar industrial materials, ensuring sterility and quality for commercial and industrial applications	Industrial Irradiator	N/A	IAEA standard method	10 days	
	Microbiological Testing	<i>E. coli</i> & Coliform (both)	No	IAEA standard method	03 weeks	
		Coliform only	No	ISO standard method	07 days	
		Initial Bioburden Testing (Total Plate Count + Yeast & Mold)	No	ISO standard method	03 weeks	
		Sterility Test	No	ISO standard method	03 weeks	