

LABORATORY SERVICES DIVISION
SRI LANKA STANDARDS INSTITUTION

FOOD TESTING LABORATORY

	PRODUCT	TESTS/STANDARDS
1.	Artificial vinegar	SLS 625 : 1983 Colouring matter Acidity Formic acid Iron content
2.	Chilli sauce	SLS 581 : 1982 Colouring matter Total solids Total soluble solids Acidity Total sugars Benzoic acid
3.	Coconut oil	SLS 32 : 1979 Colour Refractive index Relative density Matter volatile and insoluble impurities Free fatty acids Iodine value Saponification value Unsaponifiable matter Mineral acidity
4.	Frozen poultry	SLS 1161 : 1997 Total volatile nitrogen
5.		SLS 1161 : 1997 Fluid content
6.	Hard boiled sweets	SLS 585 Part 3 Colouring matter Moisture Sulphated ash Reducing sugars Sulphur dioxide
7.	Gelatine based products	SLS 585 Part 4 Colouring matter Sulfated ash Acid insoluble ash Reducing sugars Total sugars Gelatine content Sulfur dioxide
8.	Margarine	SLS 277 : 1987 Acidity Fat Moisture

9.	Margarine	SLS 277 : 1987 Acidity Fat Moisture Salt
10.	Carbonated beverages	SLS 183 : 1997 Appearance Flavour and odour Carbonation value Sugar content Sulfur dioxide Benzoic acid
11	Jam/Jellies	SLS 265 : 1985 Appearance Flavour Colouring matter Sugar content
12	Jam/Jellies	SLS 265 : 1985 Appearance Flavour Colouring matter Sugar content Fill of the container Sulfur dioxide content
13	Jelly crystals	SLS 885 : 1990 Appearance Flavour and odour Gel strength Colouring matter Moisture Gelatine content Total sugars Total ash Acidity
14	Ready To-Serve Fruit Drinks	SLS 729 : 1985 Colouring matter Acidity
15	Ready To-Serve Fruit Drinks	SLS 729 : 1985 Colouring matter Acidity Sulfur dioxide Benzoic acid Total sugar content
16	Tomato sauce	SLS 260 : 1989 Colouring matter Acidity
17	Tomato sauce	SLS 260 : 1989 Colouring matter Acidity Sulfur dioxide Soluble solids Total solids Benzoic acid content

18	Beer	SLS 234 : 1985 Colouring matter Ethyl alcohol PH Carbon dioxide
19	Butter	SLS 279 ; 1988 Colour Extraneous matter Moisture Milk fat Salt content Milk solids non-fat Refractive index Acidity
20	Chilli powder	SLS 117 : 1988 Moisture Total ash Acid insoluble ash Non-volatile ether extract Crude fibre
21	Chilli sauce	SLS 581 : 1982 Flavour Freedom from defects Colouring matter Total solids Total soluble solids Acidity Total sugars Benzoic acid Sulfur dioxide
22	Coconut water vinegar	SLS 168 : 1999 General requirements Total acidity Total solids Permanganate oxidation value Alkaline oxidation value Iodine value Residual ethyl alcohol
23	Condensed milk	SLS 179 : 1985 Total milk solids Milk fat Sucrose Titratable acidity Total ash
24	Oil. Vegetable	SLS 960 , SLS 961 , SLS 862 ,SLS 946 , SLS 947 As given in Coconut oil above Plus some additional tests

25	Cordials	SLS 214 , SLS 221 , SLS 730 Colouring matter Sugar content Sulfur dioxide Benzoic acid Acidity Total soluble solids Total preservative content
26	Curry powder	SLS 134 : 1972 Freedom from mould and insects Acid insoluble ash Crude fibre Non-volatile ether extract Volatile oil
27	Ground coffee	SLS Full analysis
		Caffeine as per ISO
28	Ice cream	SLS 223 : 1989 Total solids Fat Sucrose Milk solids non fat Acidity
29	Milk added drinks	SLS 917 full analysis
30	Rice Noodles	SLS 858 : 1989 Moisture, Total ash Acid insoluble ash Cooking test
31	Pasta products Dry Noodles	SLS 420 : 1989 Broken and misshapen units Cooking time, Moisture Total ash Acid insoluble ash Total protein, Cooking test
32	Lozenges	SLS 585 Part 2 : 1982 Moisture, Sulfated ash Sulfur dioxide, Sucrose Acid insoluble ash
33	Toffees	SLS 585 Part 1 :1982 Moisture, Sulfated ash Acid insoluble ash Reducing sugars, Sucrose, Fat Sulfur dioxide
34	Tea , Black tea	SLS 135 and/or ISO 3720
		Caffeine
35	Turmeric powder SLS 613 : 11983	Freedom from moulds and insects, Freedom from adulteration Fineness, Colouring matter Moisture, Total ash Acid insoluble ash

36	Yoghurt	824 Part 2 :1989 Milk fat Milk solids not fat Titratable acidity, Preservatives
37	Milk powder	SLS 731 : 1986 Fat, Titratable acidity
38	Milk powder	SLS 731 : 1986 Fat, Moisture Titratable acidity Solubility
39	Brown sugar	SLS 883 : 1990 Loss on drying Polarization value Colour ICUMSA
40	Biscuits	SLS 251 : 1991 Moisture Acid insoluble ash Acidity of extracted fat
41	Biscuits	SLS 251 : 1991 Organoleptic requirements Moisture
42	Oil	SLS 960 ,SLS 961 , SLS 293 SLS 946, SLS 862, SLS 947 Peroxide value, Acidity, Colour , Refractive index
43	Rice noodles, Rice vermicelli	SLS 858 : 1989 Moisture, Total ash Acid insoluble ash Cooking test
44	Pasta products Noodles	SLS 420 : 1989 Broken and misshapen units Cooking time, Moisture Total ash Acid insoluble ash Total protein, Cooking test
45	Pectin based products	SLS 585 Part 5 : Moisture, Sulfated ash Sulfur dioxide, Sucrose Acid insoluble ash,pectin content
46	Comminuted meat products Sausages,meat balls	SLS 1218 Lean meat , starch,total solids, Total meat ,Sodium chloride, Fat content,Sulfur dioxide and acid insoluble ash