

As an accredited laboratory, this laboratory is entitled to use the following accreditation symbol.



Valid until 26 November 2012
Issued on 27 November 2009



ISO/IEC 17025
TL 016-03

Schedule of Accreditation

Accreditation Scheme for Testing Laboratories
Sri Lanka Accreditation Board for Conformity Assessment

Accreditation Number: TL 016 – 03

Food Laboratory
Sri Lanka Standards Institution
No.17, Victoria Place
Elvitigala Mawatha, Colombo 08.

Scope of Accreditation: Performing Chemical Testing on Product Category of Food & Agricultural Products (Milk & Milk Products, Edible Oils & Fat, Sugar & Sugar Products and Tea,) as per the Test Methods appearing in this schedule.

The laboratory is accredited for the following tests.

Sl. NO.	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing	Uncertainty % (±)
01	Milk and Milk Products (Milk Powder)	Titratable Acidity	SLS 735:Part 2 : 1987	0.10 to 3.00 % m/m	5.2
		Milk Fat	SLS 735:Part 1 : 2006 (ISO 1736:2000 (E)	0.1 to 2.0 % m/m	3.4
				2.0 to 49.0 % m/m	0.9
		Moisture	SLS 735:Part 3 : 1987, Clause 4	0.1 to 10.0% m/m	2.0

SI. NO.	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing	Uncertainty % (±)
02	Edible Oils and Fats (Palm olein, Palm kernel oil, Sunflower seed oil, Soya bean oil, Coconut oil, Ground nut oil, Palm oil, Palm stearin, Corn oil and Sesame oil)	Refractive Index	SLS 313 Part 1: 1993, Section 5 (ISO 6320:1985 (E))	1.3000 to 1.7000	0.005
		Free Fatty Acids	SLS 313 Part 2: 1993, Section 6 (ISO 660:1983 (E))	0.01 to 7.00 % m/m	4.7
		Iodine Value	SLS 313 Part 2:1993, Section 2 (ISO 3961:1989 (E))	5.0 to 200.0	0.7
		Peroxide Value	SLS 313 Part 3:1993, Section 7 (ISO 3960:1977 (E))	0.1 to 90.0 meq per kg	7.9
		Moisture & Matter Volatile	SLS 313 Part 3:1993, Section 5 (ISO 662:1980 (E))	0.01 to 1.00 % m/m	23.1
		Insoluble Impurities	SLS 313 Part 3:1993, Section 4 (ISO 663:1981 (E))		19.5
		Unsatifiable Matter	SLS 313 Part 4:1993, Section 4 (ISO 3596:1981 (E))	0.1 to 3.5% m/m	0.1
		Saponification Value	SLS 313 Part 2: 1993, Section 1 (ISO 3657:1988 (E))	150 to 275	0.6
03	Sugar and Sugar Products (Brown Sugar & White Sugar)	Polarization	SLS 191:1989 Appendix A	1.0 to 100.0	0.1
		Loss on Drying	SLS 191:1989 Appendix C	0.01 to 5.00 % m/m	3.4

Sl. NO.	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing	Uncertainty % (±)
04	Tea (Black Tea)	Water Extract	SLS 28 Part 7:2008 (ISO 9768:1994 (E))	1 to 70 % m/m	0.4
		Total Ash	SLS 28 Part 3:2008 (ISO 1575:1987 (E))	1.0 to 10.0 % m/m	2.6
		Water- Soluble Ash	SLS 28 Part 4:2008 (ISO 1576:1988 (E))	0.1 to 70.0 % m/m	4.7
		Water- Insoluble Ash	SLS 28 Part 4:2008 (ISO 1576:1988 (E))	0.1 to 10.0 % m/m	4.2
		Alkalinity of Water Soluble Ash	SLS 28 Part 6:2008 (ISO 1578:1985 (E))	1.0 to 5.0 % m/m	1.1
		Acid – Insoluble Ash	SLS 28 Part 5:2008 (ISO 1577:1987 (E))	0.1 to 5.0 % m/m	5.3
		Crude Fibre	SLS 28 Part 8:2008 (ISO15598:1999 (E))	0.1 to 30.0 % m/m	1.9
		Loss in Mass	SLS 28 Part 2:2008 (ISO1573:1980 (E))	0.1 to 15.0 % m/m	2.4
		Dry Matter	SLS 28 Part 1:2008 (ISO1572:1980 (E))	85.0 to 99.9 % m/m	0.1
		Caffeine	ISO 10727:2002 (E)	0.05 to 5.00 % m/m	2.0

Director /CEO
Sri Lanka Accreditation Board for Conformity Assessment