

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



Valid from 21 December 2015
to 17 August 2018
Issued on 21 December 2015



ISO/IEC 17025
TL 004 - 01

Schedule of Accreditation

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

Accreditation Number: TL 004 – 01

Chemical and Microbiology Laboratory
Industrial Technology Institute
No.210 / 4, Wijerama Mawatha
Colombo 07.

Scope of Accreditation: Performing Chemical Testing on Cosmetics as per the Test Methods appearing in this Schedule.

The laboratory is accredited for the following tests.

SI NO.	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
01	Skin creams and Lotions	Non Volatile Matter	SLS 743	>0.02 % by mass
		Peroxide Value	CML/MM/05/03/01	0.1 miliequivalents/kg
		pH at 27°C	SLS 743	4-10
		Thermal stability		Pass/Fail
		Water content		10-99 % by mass
02	Baby Cream and Lotions	Non Volatile Matter	SLS 742	>0.02 % by mass
		Peroxide Value	CML/MM/05/03/01	0.1 miliequivalents/kg
		pH at 27°C	SLS 742	4-10
		Thermal stability		Pass/Fail
		Water content		10-99 % by mass

SI NO.	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
03	Shaving Cream	Water Content	SLS 796	10-99 % by mass
		Non Volatile matter		>0.02 % by mass
		Free Caustic Alkali		Pass / Fail
		Lather Volume		> 4.0 ml
		Thermal Stability		Pass/ Fail
04	Shampoo	Active Ingredient content	SLS 1346	0.1 -99.5 % by mass
		Inorganic Salt		>0.2 % by mass
		pH at 27°C		4-10
		Lather Volume		>4 mL
05	Hair Cream	Total non aqueous content	SLS 611	>0.1% by mass
		Peroxide Value	CML/MM/05/03/01	>0.1 meq/kg
		pH at 27°C	SLS 611	4 -10
		Thermal stability		Pass /Fail
		Water Content		10 – 99 % by mass
06	Skin Power	Moisture & Volatile matter	SLS 389	>0.02 % by mass
		pH of aqueous suspension		4 -10
		Fineness		>0.01% by mass
		Matter insoluble in boiling water		>0.1% by mass
07	Baby Powder	Moisture & Volatile matter	SLS 187	>0.02 % by mass
		pH of aqueous suspension		4 -10
		Fineness		>0.01% by mass
		Matter insoluble in boiling water		>0.1% by mass
08	Toothpaste	Moisture & Volatile matter	SLS 275	>0.05 % by mass
		pH		4-10
		Foaming Volume		> 4.0 ml
		Fluoride		50ppm- 5000ppm
		Fineness		>0.01% by mass

SI NO.	Product(s) / Material of test	Specific tests performed	Test Method / Standard against which tests are performed	Range of testing/ Limits of detection
09	Hair Oil	Peroxide Value	SLS 1341	>0.04 meq/kg
		Acid Value		Type 1 & 3 Oil-.2/g Type 2 Oil- Pass/Fail
10	Baby Oil	Peroxide Value	CML/MM/05/03/01	>0.1meq/kg
		Relative Density	SLS 1191	-
		Saponification Value		>1.0
		Acid Value		>0.2/g
11	Colognes, Perfumes, Aftershaves, Baby colognes	Ethanol Content	CML/MM/05/02/01	0.01-99 % (v/v)
		pH	CML/MM/05/02/02	4 -10
12	Toilet Soap	Total Fatty Matter	SLS 34	>1.0 % by mass
		Total free Alkali		>0.4 % by mass
		Chlorides		>0.1% by mass
		Free Caustic Alkali		>0.004 % by mass
		Matter insoluble in Ethanol		>0.02 % by mass
13	Bathing Bar	Total Fatty Matter	SLS 1220	>1.0 % by mass
		pH		4 -10
		Free Caustic Alkali		>0.006 % by mass
		Mush		>0.5 % by mass
		Synthetic Surface active agent		>0.5 % by mass
14	Baby Soap	Total Fatty Matter	SLS 542	>1.0 % by mass
		Free Caustic Alkali		>0.004 % by mass
		Total free Alkali		>0.4 % by mass
		Freedom from rosin		Pass / Fail
		Chlorides		>0.1 % by mass
15	Liquid Toilet Soap	Total Fatty Matter	SLS 1142	>1.0 % by mass
		pH at 27°C		4 -10
		Matter insoluble in Ethanol		>0.02% by mass
		Total Free Alkali		>0.4 % by mass