

Chemical Testing Laboratory

1. Testing Facilities

2.1 Products Analysis

Product	Standard
Straight Fertilizers	
Amm.phosphate/DAP	SLS 1131
Ammonium chloride	SLS 621
Ammonium sulphate	SLS 620
Compost Made from Municipal Solid Waste	SLS 1634
Compost Made from Raw Materials of Agri. origin	SLS 1635
Compost For Organic Agriculture	SLS 1684
Dolomite	SLS 823
Epsom salt	SLS 1105
Kieserite	SLS 1104
Liquid Organic Fertilizers	SLS 1702
MOP	SLS 644
Potassium sulphate	SLS 1107
Rock phosphate	SLS 748
TSP	SLS 812
SSP	SLS 1318
Sterilized Solid Organic Fertilizer	SLS 1704
Urea	SLS 618
Zinc sulphate	SLS 665
Fertilizer mixtures	
Water	
Bottled drinking	SLS 894
Bottled natural mineral	SLS 1038
Ice	SLS 917
Potable water	SLS 614
Water for L. Acid batteries	SLS 671
Porcelain Tableware	SLS 1222 / ISO 6486:1999

Product	Standard
Cement & Raw materials	
Clinker	SLS 1247
Fly ash	SLS 1247
Limestone	SLS 1253
Masonry	SLS 515
Ordinary Portland	SLS 107
Portland Pozzolanic	SLS 1247
Cosmetics	
After shave lotion	SLS 1031

Baby oil	SLS 1191
Baby Shampoo	SLS1342
Cologne	SLS 534
Cologne, baby	SLS 589
Hair Colour – liquid, gel and cream	SLS 1439
Hair Colour Powder	SLS 1440
Hair cream	SLS 611
Hair oil	SLS 1341
Lipstick	SLS 1464
Perfumes And Toilet Waters	SLS 1619
Shampoo	SLS 1346
Shaving cream	SLS 796
Skin cream & Lotion	SLS 743
Skin cream & Lotion for babies	SLS 742
Skin powder	SLS 389
Skin powder for infants	SLS 187
Toothpaste	SLS 275
Toothpowder	SLS 281
Soap & Detergents	
Bathing bar	SLS 1220
Detergent, liquid for household use	SLS 687
Hand Sanitizer	SLS 1657
Laundry detergent powder	SLS 760
Scouring powder	SLS 461
Soap powder (Laundry)	SLS 38
Soap, baby	SLS 547
Soap, carbolic	SLS 35
Soap, laundry	SLS 554
Soap, liquid toilet	SLS 1142
Soap, soft	SLS 37
Soap, toilet	SLS 34
Soap,Liquid for domestic & industrial purposes	SLS1390
Other Products	
Aluminium Sulfate	SLS 701
Aluminium Sulfate (purification of water)	SLS 1535
Building lime	SLS 552
Charcoal (Coconut Cell)	SLS 571
Detergent powder	SLS 760
Hydrated Lime (purification of water)	SLS 1577
Salt, iodized	SLS:79
Salt, table	SLS:80
School chalk	SLS 114
Sealing wax	SLS 182
Shoe polish	SLS 126

2.2 Trace Metal Analysis

(Using ICP – MS coupled with HPLC)

Products	Standard	Trace metals
Arrack	SLS 919	Fe, Cu, Pb, Zn
Artificial Vinegar	SLS 625	As, Cu, Pb, Zn, Fe
Bacon	SLS 342	As, Cu, Pb
Beer	SLS 234	As, Cu, Pb, Sn
Biscuits	SLS 251	As, Pb
Black Tea	SLS 135	As, Pb, Cd, Cu, Zn
Brown Sugar	SLS 883	As, Cu, Pb
Canned fish	SLS 591	As, Pb, Cd, Sn, Hg
Canned Fish curry	SLS 1106	As, Hg, Pb, Zn, Sn
Canned Mangoes	SLS 536	Sn, Pb
Canned Pineapple	SLS 266	Sn
Carbonated Beverages	SLS 183	As, Cd, Pb, Sn
Cakes	SLS 1074	As, Cd, Pb
Cereal based products	SLS 1036	Cd, Pb
Chilli Sauce	SLS 581	As, Pb, Cd, Sn
Chocolate	SLS 326	As, Pb, Cu
Cocoa Powder & Cocoa mixture	SLS 148	As, Cu, Pb
Coca Based Confectionery	SLS 1509	As, Cd, Pb
Coconut cream, milk	SLS 1365	As, Cd, Pb, Sn
Coconut oil	SLS 32	As, Cd, Pb
Comminuted meat products	SLS 1218	As, Cu, Pb
Condensed Milk	SLS 179	As, Cd, Pb, Sn
Corn (Maize) Oil	SLS 905	As, Pb, Cd
Curry powder	SLS 134	As, Cu, Pb
Dairy Fat spreads	SLS 1428	As, Pb, Cd
Dried Fish	SLS 643	As, Pb, Cd, Hg
Edible Iodized/Non-Iodized Salt (Granular Form)	SLS 79	As, Pb, Cd, Hg
Edible Iodized/Non-Iodized Salt (Powdered Form)	SLS 80	As, Pb, Cd, Hg
Emulsion Paints for Exterior use	SLS 557	Pb
Enamel Paints	SLS 539	Pb, Cr, Sb, Ba, Cd, Co, Hg
Fat Spread & Blended Fat Spreads	SLS 1427	As, Pb, Cd
Floor Paint	SLS 1241	Sb, As, Ba, Cd, Cr, Co, Pb, Hg
Fruit Squashes, Fruit Syrups, Fruit Cordial	SLS 214	As, Cd, Pb, Sn
Fruit Squashes, Fruit Syrups, Fruit Cordial concentrates	SLS 730	As, Cd, Pb, Sn
Fruit Juice and Nectars	SLS 1328	As, Cd, Pb, Sn
Gelatin	SLS 845	As, Cu, Pb, Sn
Glucose	SLS 617	As, Pb
Ground Coffee	SLS 258	As, Pb, Cd

Ham	SLS 1146	As, Cu, Pb
Hard Candy	SLS 1576	As,Cd,Pb,Sn,Cu
Hard boiled sugar /confectioneries/ Toffees / Lozenges	SLS 585	As, Cu, Pb, Zn
Honey	SLS 464	As, Pb, Cd

Products	Standard	Trace metals
Instant noodles	SLS 1534	As, Cd, Pb
Instant Tosail Mix And Instant Idily Mix	SLS 1629	As, Cd, Pb
Instant Hopper Mix	SLS 1631	As, Cd, Pb
Jaggery	SLS 521	As, Cu, Pb
Jam, Jellies, Marmalade	SLS 265	As, Cd, Pb, Sn
Kithul Treacle	SLS 1701	As, Cd, Pb
Macaroni	SLS 420	As, Cd, Pb
Mango chutney	SLS 446	As, Cu, Pb, Zn, Sn
Mango nectar	SLS 1328	As, Cd, Pb, Sn
Milled Rice	SLS 633	As, Cd, Pb,Hg
Malted Food Products	SLS 897	As, Cd, Pb
Non-Carbonated Artificial/ Flavored cordials & Beverages	SLS 221	As, Cd, Pb, Sn
Palm Oil	SLS 720	As, Pb
Palm Olein	SLS 961	As, Pb
Palm Super Olien	SLS 1521	As, Pb
Pastel	SLS 777	As ,Pb,Cr, Sb, Hg, Cd
Pectin Based Products	SLS 585	As, Cu, Pb, Zn
Pepper	SLS 1372	As, Cd, Pb
Pickles	SLS 399	Pb, Cd
Quick frozen whole fish, Fish fillets, steaks and minced	SLS 1141	As, Hg, Pb
Ready To Serve Fruit Drinks	SLS 729	As, Cd, Pb, Sn
Rice Noodles(Rice Vermicelli)	SLS 858	As, Cd, Pb
Rice Flour	SLS 913	As, Cd, Pb
Sesame Seed Oil	SLS 231	As, Cd, Pb,Hg
Soya Bean Oil	SLS 293	As, Cd, Pb
Soya Sauce	SLS 1035	As, Pb
Soft Candy	SLS 1575	As, Cd, Pb, Sn,Cu
Soft Drink Powder Mix	SLS 668	As,Cu,Pb,Zn,Sn,Cd
Split Lentils	SLS 896	Pb, Cd
Sunflower Oil	SLS 946	As, Cd, Pb
Textured Soya Protein	SLS 898	As, Cd, Pb
Tomato juice Canned	SLS 390	As, Cu, Pb, Sn
Tomato Concentrate	SLS 945	Sn
Tomato Sauce	SLS 260	As, Cd, Pb, Sn

Treacle	SLS 772	As, Cu, Pb
Turmeric Powder	SLS 613	As, Cu, Pb
Wafers	SLS 1313	As, Cu, Pb
Wheat Flour	SLS 144	As, Cd, Pb
White Sugar & Icing	SLS 191	As, Cu, Pb

2.3 Analysis of Metal Composition

(Using Arc Spark OES Spectrometer)

Structural Round Bar	SLS 1006: Part 1
Ribbed Steel Bars	SLS 375
Mild Steel wire	SLS 7
Plain Steel bars	SLS 26
Round Steel Bar	SLS 949 part 1
Stainless steel	ASTM Methods
Cu base products (medals, utensils, buttons, Cu wires, etc.)	ASTM Methods
Al base products	ASTM Methods
Zn base products	ASTM Methods

This laboratory is accredited for testing of water, porcelain ware and fertilizer.

Certificate of Accreditation

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Scope of Accreditation

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