Chemical Analysis Laboratory

Brochure







2026-2027

An ISO 9001:2015 Certified Organisation



The Chemical Analysis Laboratory

About us

The Chemical Analysis Laboratory (CAL) offers chemical analysis services to different sectors of the economy. Various analyses are carried out regularly for chemical products (such as: soaps and detergents, soil, cement, corrugated iron sheet, petroleum products, toilet paper, paints, etc..,) for Government, trade and public in general, to ascertain the quality and to evaluate compliance to Seychelles Standards.

Chemical analyses help our clients to reduce costly quality problems, to identify root-cause quality issues, to screen incoming raw material, to reduce incidents of trace impurities and contamination and to identify health related issues.

Chemical testing capabilities include:

- Separation analysis
- Quality Assurance testing
- Material Characterisation
- Research and others.

Competent analysts in the field of chemistry manage the various laboratory equipment to a proper working order, and the services to a higher standard, ensuring reliable and confident test results.

Some of the products that is tested by lab includes:

- Soaps (laundry and toilet), and Detergents (powder and liquid)
- Javel (Bleach)
- Toilet paper
- Candle
- Construction materials (soil, cement, aggregates)
- Paints
- Corrugated iron sheets
- Plywood
- Petroleum and related products
- Plant materials

Our services

01 Petroleum and Petroleum Products

Analysis	Cost (SCR)
Particulates content	315.00
Water content	375.00
Density / Specific gravity / Viscosity	190.00
Sugar contamination	190.00
Salt contamination	375.00
Contamination with other petroleum products	375.00

02 Corrugated Iron Sheets

Analysis	Cost (SCR)
Thickness of Zinc coating	280.00
Thickness of paint	280.00
Mass of paint coating	280.00

03 Toilet and Laundry Soaps

Analysis	Cost (SCR)
Chloride content	280.00
Total free alkali content	280.00
Free caustic alkali content	280.00
Total fatty matter content	375.00
Ethanol-insoluble matter content	440.00
Free fatty acids content	280.00
Moisture and volatile matter content	280.00
Rosin acids content	280.00
Glycerol content	500.00
Unsaponified fatty matter content	560.00

04 Liquid and Powder Detergents

Analysis	Cost (SCR)
Surface active agents (non-ionic) content	500.00
Surface active agents (anionic) content	560.00
Inorganic salts content	280.00
Moisture and volatile matter content	280.00
Chlorine content	280.00
Water-insoluble matter content	280.00
pH value	280.00
Total phosphates content	150.00
Polyethylene glycol content	375.00
Active (Reserve) alkalinity	280.00

05 Bleach

Analysis	Cost (SCR)
Available chlorine content	280.00
Sodium hydroxide content	280.00
Sediment content	280.00

06 Soils

Analysis	Cost (SCR)
Organic matter content	280.00
pH value	150.00
Sulphate content	440.00
Chloride content	440.00

07 Toilet Paper

Analysis	Cost (SCR)
Water absorption rate	150.00
Grammage	150.00
Freedom of holes	150.00
Length	150.00

08 Cement

Analysis	Cost (SCR)
Sulphate content	440.00
Insoluble residue content	280.00
Loss on ignition	280.00
Chloride content	440.00

09 Plywood

Analysis	Cost (SCR)
Density	280.00
Moisture and volatile matter content	280.00
Resistance to dry heat	280.00
Resistance to Water (Cold, Warm and Boiling water)	375.00
Acidity and Alkalinity	375.00
pH value	150.00

10 Plant Materials / Spices

Analysis	Cost (SCR)
Chemical screening	1000.00
Sulphite content (Cinnamon bark)	280.00
Cinnamic aldehyde content (cinnamon bark/leaf oil)	375.00
Eugenol content (cinnamon bark/leaf oil)	375.00
Citronellol content	375.00
Moisture content	280.00
Total ash content	280.00
Acid-insoluble ash content	280.00
Volatile oil content	375.00
Insect fragments content	150.00
Rodent hair content	150.00
Feathers content	150.00

11 Liquid and Powder Detergents

Analysis	Cost (SCR)
Consistency / Viscosity	280.00
Course particle and foreign matter content	190.00
Density/Specific gravity	190.00
Dilution stability	280.00
Drying time	280.00
Fineness of grind	280.00
Non-volatile matter content	280.00

12 Emulsion and Gloass Enamel Paints

Analysis	Cost (SCR)
pH value	150.00
Specular gloss at 20 o / 65o / 85o	280.00
Washability	280.00

13 Copra

Analysis	Cost (SCR)
Moisture content	280.00
Oil content	375.00
Free fatty acids content	280.00
Impurities content	190.00
Mouldy cups content	190.00
Broken cups content	190.00

14 Emulsion and Gloass Enamel Paints

Analysis	Cost (SCR)
Deflection	280.00
Solubility	280.00
Resistance to deformation	280.00
Wick quality	190.00
Burning quality	190.00

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