

Schedule

Issue date: 29 July 2026
Valid until: 16 March 2028



NO: SAMM 295

(Issue 5, 29 July 2026 replacement
of SAMM 295 dated 21 November 2024)

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LABORATORY LOCATION/ CENTRAL OFFICE: 	EUROFINS NM LABORATORY SDN. BHD. NO. 265-267, JALAN NILAI 3/21 KAWASAN PERINDUSTRIAN NILAI 3 71800 NILAI NEGERI SEMBILAN MALAYSIA
ACCREDITED SINCE:	16 MARCH 2005
FIELD(S) OF TESTING:	CHEMICAL AND MICROBIOLOGY

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

CENTRAL LOCATION:	EUROFINS NM LABORATORY SDN. BHD. NO. 265-267, JALAN NILAI 3/21 KAWASAN PERINDUSTRIAN NILAI 3 71800 NILAI NEGERI SEMBILAN MALAYSIA
FIELD(S) OF TESTING:	CHEMICAL AND MICROBIOLOGY

SCOPE OF TESTING: CHEMICAL

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Environmental Monitoring Industrial Effluent Sewage Water Surface Potable Drinking Distilled Reverse Osmosis Ultrapure	pH	APHA 4500 H ⁺ B
	Chemical Oxygen Demand (COD)	APHA 5220 D
	Suspended Solid	APHA 2540 D
	Tin	APHA 3111 B
	Carbon Dioxide	APHA 4500-CO ₂ C
	Oil & Grease	APHA 5520 B
	Mercury	APHA 3112 B
	Total Solid Dried at 103°C-105°C	APHA 2540 B
	Total Dissolved Solids Dried at 180°C	APHA 2540 C
	Sulphate	HACH Method 8051
	Cyanide	HACH Method 8027

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SCOPE OF TESTING: CHEMICAL

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Environmental Monitoring Industrial Effluent Sewage	Alkalinity (as CaCO ₃)	APHA 2320 B
	Nitrate	HACH Method 8039
Water Surface Potable Drinking Distilled Reverse Osmosis Ultrapure	Nitrite	HACH Method 8507
	Formaldehyde	HACH Method 8110
	Color	APHA 2120 B
	Turbidity	APHA 2130 B
	Biochemical Oxygen Demand 5 Day	APHA 5210 B
	Total Phosphorus	APHA 4500-P C
	Hardness	APHA 2340 C
	Total Kjeldahl Nitrogen	APHA 4500-Norg B + APHA 4500-NH ₃ F
	Fixed and volatile Solids Ignited at 550°C	APHA 2540 E
	Total Organic Carbon	APHA 5310 C
	Dissolved Oxygen	APHA 4500-O G
	Potassium	APHA 3120 B
	Sodium	APHA 3120 B
	Silica, Reactive	HACH 8185 and HACH 8282
	Conductivity	APHA 2510 B
	Chloride	HACH 8113
	Fluoride	HACH 8029
	Tin (ICP-OES)	EPA Method 6010 D
	Sodium (ICP-OES)	EPA Method 6010 D
	Potassium (ICP- OES)	EPA Method 6010 D

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SCOPE OF TESTING: CHEMICAL

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Environmental Monitoring Industrial Effluent Sewage Water Surface Potable Drinking Distilled Reverse Osmosis Ultrapure	Color Fluoride Ammonical Nitrogen Total Chlorine Free Chlorine Anionic Surfactant MBAS	APHA 2120 F APHA 4500-F D APHA 4500-NH ₃ F APHA 4500-Cl G APHA 4500-Cl G APHA 5540 C
Environmental Monitoring Waste Water Effluent Sewage Water Water Potable Water Drinking Water Reverse Osmosis	COD Open Reflux	APHA 5220 B
Environmental Monitoring Palm Oil Mill Effluent Natural Rubber Effluent	pH Chemical Oxygen Demand (COD) Oil & Grease Suspended Solid Total Kjeldahl Nitrogen Biochemical Oxygen Demand 3 day	APHA 4500 H ⁺ B APHA 5220 D APHA 5220 B APHA 2540 D APHA 4500-Nrg B + APHA 4500-NH ₃ F DOE Method (1985) – Alternative Method
Environmental Monitoring Waste and Waste Water	Cyanide Total Chlorine Free Chlorine Chromium Hexavalent Boron Phenol Sulphide	APHA 4500-CN- F APHA 4500-Cl G APHA 4500-Cl G APHA 3500-Cr B APHA 4500-B C APHA 5330 C APHA 4500-S2- D

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SCOPE OF TESTING: CHEMICAL

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Environmental Monitoring Solid and Sludge	Oil & Grease	APHA 5520 E
Environmental Monitoring Industrial Waste Liquid Effluent Water	Aluminum Antimony Barium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Gold Iron Lead Lithium Magnesium Manganese Nickel Potassium Phosphorus Silica Silver Sodium Tin Titanium Vanadium Zinc	EPA Method 6010 D

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SCOPE OF TESTING: CHEMICAL

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Water Drinking Water	Turbidity	APHA 2130 B
	Sulfate	HACH 8051
	Nitrate	HACH 8039
	Nitrite	HACH 8507
	Suspended Solid	APHA 2540 D
	Total Solid	APHA 2540 B
	Dissolved Solid	APHA 2540 C
	Total Kjeldahl Nitrogen	APHA 4500-Norg B + APHA 4500-NH ₃ F
	Hardness	APHA 2340 C
	Mercury	APHA 3112 B
	Reactive Phosphorus	HACH 8048
	Silica, Reactive	HACH 8185 and HACH 8282
	Sodium (ICP-OES)	EPA Method 6010 D
	Potassium (ICP-OES)	EPA Method 6010 D
	Oil & Grease	APHA 5520 B
	Cyanide	HACH 8027
	Dissolved Oxygen	APHA 4500-O G

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SCOPE OF TESTING: CHEMICAL

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Water Drinking Water	Conductivity	APHA 2510 B
	Fluoride	HACH 8029
	Tin (ICP-OES)	EPA Method 6010 D
	Total Organic Carbon	APHA 5310 B
	Temperature	APHA 2550 B
	Total Chromium	HACH 8024
	Formaldehyde	HACH 8110
	Acidity	APHA 2310 B
	Carbon Dioxide	APHA 4500-CO ₂ C
	pH	APHA 4500 H ⁺ B
	Total Alkalinity	APHA 2320 B
	Bicarbonate	APHA 2320 B

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SCOPE OF TESTING: CHEMICAL

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Water Drinking Water	Chloride Color	HACH 8113 APHA 2120 B
Environmental Monitoring Industrial Waste Sewage Liquid Effluent Water Surface Potable Drinking Distilled Reverse Osmosis Ultrapure	Aluminium (Al) Antimony (Sb) Arsenic (As) Barium (Ba) Beryllium (Be) Boron (B) Cadmium (Cd) Calcium (Ca) Chromium (Cr) Copper (Cu) Cobalt (Co) Iron (Fe) Lead (Pb) Lithium (Li) Magnesium (Mg) Manganese (Mn) Molybdenum (Mo) Nickel (Ni) Palladium (Pd) Platinum (Pt) Potassium (K) Selenium (Se) Silver (Ag) Strontium (Sr) Sodium (Na) Thallium (Tl) Vanadium (V) Zinc (Zn)	APHA 3030 E2 APHA 3120 B

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APHA – American Public Health Association – 21st Edition, 2005
USEPA – United States Environmental Protection Agency
DOE – Department of Environmental

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SCOPE OF TESTING: CHEMICAL**SITE:**

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Environmental Monitoring Chimney Stack Ducting Emissions	Sample and Velocity Traverses for Stationary Sources	USEPA Method 1
	Determined of Stack Gas Velocity and Volumetric Flow Rate (Type S Pitot Tube)	USEPA Method 2
	Determination of Oxygen and Carbon Dioxide Concentrations in Emissions from Stationary Sources (Instrumental Analyzer Procedure)	USEPA Method 3A
	Determination of Moisture Content in Stack Gases	USEPA Method 4
	Determination of Particulate Matter Emissions from Stationary Sources	USEPA Method 5
	Determination of Sulphur Dioxide Emissions from Stationary Sources (Instrumental Analyzer Procedure)	USEPA Method 6C (2006)
	Mass Flow of Particulate Matter	MS 1596: 2003
	Dark Smoke	Bureau of Mines, Information Circular 8333 (IC)

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SCOPE OF TESTING: CHEMICAL**SITE:**

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Environmental Monitoring Environmental Noise	Acoustics – Description Measurement and Assessment of Environmental Noise – Part 1 Basic Quantities and Assessment Procedures	ISO 1996-1:2016 (3 rd Edition)
	Acoustics – Description, Measurement and Assessment of Environmental Noise – Part 2: Determination of Environmental Noise Levels	ISO 1996-2:2017 (3 rd Edition)
Environmental Monitoring Effluent Waste Water	Temperature	APHA 2550 B
	pH	APHA 4500 H+B
Water Drinking Water	Free Chlorine	In-House Method TOM 3019 (Based on USEPA 330.5)

Notes:APHA – American Public Health Association – 21st Edition, 2005

USEPA – United States Environmental Protection Agency

DOE – Department of Environmental

MS – Malaysian Standard

ISO – International Organization for Standardization

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SCOPE OF TESTING: MICROBIOLOGY

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Microbiological environmental sample Waste and Waste Water Drinking Water Potable Water Purified Water Reverse Osmosis Cooling Water Industrial Effluent Sewage	Heterotrophic Plate Count	APHA 9215 B (24 th Edition, 2023) APHA 9215 C (24 th Edition, 2023) APHA 9215 D (24 th Edition, 2023)
	Total Coliform and <i>Escherichia coli</i> by Chromogenic Substrate	Merck Microbiology Manual 12 th Edition
Microbiological Environmental Sample Air	Total Plate Count	IENT-RP-CC0023.1
	Total Yeast and Mould	IENT-RP-CC0023.1
Microbiological Environmental Samples Environmental Samples Drinking Water Potable Water Purified Water Reverse Osmosis	Total Fungal	APHA 9610 B (24 th Edition, 2023) APHA 9610 D (24 th Edition, 2023)