



No. 128

Enviro Labs Limited

環境化驗有限公司

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CLIENTELE : Public
服務對象 公眾

ACCREDITED TEST CATEGORIES : Environmental Testing 環境測試
認可測試類別 Food 食品

SCOPE OF ACCREDITATION : As shown on the following pages 詳見後頁
認可範圍

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| TEST CATEGORY 測試類別 | ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品 | SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性 | SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術 |
|-------------------------------|---|---|--|
| ENVIRONMENTAL TESTING 環境測試 | Water and Wastewater | Physical Examination:- Colour pH Turbidity Total suspended solids dried at 103-105°C Total solids dried at 103-105°C Total dissolved solids dried at 180°C Fixed solids ignited at 550°C Total volatile solids ignited at 550°C Volatile suspended solids ignited at 550°C Settleable solids Acidity (Total) Acidity (Methyl orange) Alkalinity (Total) Alkalinity (Phenolphthalein) Hardness Calcium hardness Conductivity Non-metallic Constituents:- Cyanide (Total) Nitrogen (Ammonia) Nitrogen (Nitrate) Nitrogen (Nitrite) | APHA 20e 2120 B APHA 20e 4500-H ⁺ B APHA 20e 2130 B APHA 17e 2540 D APHA 17e 2540 B APHA 17e 2540 C APHA 17e 2540 E APHA 17e 2540 E APHA 17e 2540 E APHA 17e 2540 F APHA 20e 2310 B APHA 20e 2310 B APHA 20e 2320 B APHA 20e 2320 B APHA 20e 2340 B APHA 20e 2340 C In-house Method T44 APHA 20e 2510 B APHA 20e 4500 CN ⁻ C, D & E APHA 20e 4500-NH ₃ B & C APHA 20e 4500-NO ₃ ⁻ E APHA 20e 4500-NO ₂ ⁻ B |

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|---|---|--|---|
| ENVIRONMENTAL TESTING (cont'd) 環境測試(續上) | Water and Wastewater (cont'd) | Non-metallic Constituents:- (cont'd) Nitrogen (Total) Nitrogen (Total Kjeldahl) Nitrogen (Organic) Nitrogen (Oxidised) Phosphorus (Total) Phosphorus (Total reactive) (Orthophosphate) Chlorine (Total residual) Chlorine (Free residual) Chloride Sulphate Dissolved oxygen Organic Pollutants:- 5-Day Biochemical Oxygen Demand Chemical oxygen demand Oil & grease | APHA 20e 4500-N _{org} B APHA 20e 4500-NO ₃ ⁻ E APHA 20e 4500-N _{org} B APHA 20e 4500-N _{org} B APHA 20e-4500-NH ₃ B & C APHA 20e 4500-NO ₃ ⁻ E APHA 20e 4500-P B5 & D APHA 20e 4500-P D APHA 20e 4500-Cl B In-house method T33 In-house method T43 (DPD colorimetric method) In-house method T43 (DPD colorimetric method) APHA 20e 4500-Cl ⁻ B APHA 20e 4500-SO ₄ ²⁻ E APHA 20e 4500-O G APHA 20e 5210 B APHA 20e 5220 C APHA 20e 5520 B |

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|---|---|---|--|
| ENVIRONMENTAL TESTING (cont'd) 環境測試(續上) | Water and Wastewater (cont'd) | Metals:- (Total acid extractable) Acid digestion | APHA 20e 3030 E1 |
| | Potable Water | Cadmium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Zinc | APHA 20e 3111 B |
| | | Calcium | APHA 20e 3111 D |
| | | Sodium | APHA 20e 3500-Na B |
| | Solid and Semi-solid Wastewater Sludges | Ultraviolet Absorption at 254nm | APHA 20e 5910 A & B |
| | | Silver | APHA 20e 3111 B |
| | Solid and Semi-solid Wastewater Sludges | Physical Examination:- | |
| | | Total solids dried at 103-105°C | APHA 20e 2540 G |
| | | Fixed solids ignited at 550°C | APHA 20e 2540 G |
| | | Volatile solids ignited at 550°C | APHA 20e 2540 G |
| | | Settled sludge volume (SSV) | APHA 20e 2710 C |
| | | Sludge volume Index (SVI) | APHA 20e 2710 D |

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|---|---|---|---|
| ENVIRONMENTAL TESTING (cont'd) 環境測試(續上) | Water, Wastewater and Saline Water | Microbial indicators:- - Heterotrophic plate count - Total Coliform count - Faecal Coliform count - E. coli count | APHA 20e 9215B DoE (1983) The Bacteriological Examination of Drinking Water Supplies, 1982 Membrane Filtration Procedure: Sections 7.8 and 7.9.4.1 Bacterial Confirmation: Section 7.9.4.3 The Microbiology of Drinking Water (2002) – Part 4A Methods for the Examination of Waters and Associated Materials, Environment Agency, UK DoE (1983) The Bacteriological Examination of Drinking Water Supplies, 1982 Membrane Filtration Procedure: Sections 7.8 and 7.9.4.2; Bacterial Confirmation: Section 7.7.6.3 DoE (1983) The Bacteriological Examination of Drinking Water Supplies, 1982 Membrane Filtration Procedure: Section 7.8 and 7.9.4.2 Bacterial Confirmation: Section 7.9.4.4 DoE (1983) The Bacteriological Examination of Drinking Water Supplies, 1982 Membrane Filtration Procedure: Section 7.8 and 7.9.4.2 Bacterial Confirmation: in-situ urease test The Microbiology of Drinking Water (2002) – Part 4A Methods for the Examination of Waters and Associated Materials, Environment Agency, UK |
| | Water, wastewater and Cooling Tower Water | Legionellae count including Legionella pneumophila count | AS/NZS 3896:1998 |

