



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)	Metals:- (Total acid extractable) Acid digestion Cadmium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Zinc Calcium Sodium Aluminium, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt Copper, Iron, Lead, Lithium, Magnesium, Manganese Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Tin, Thallium, Vanadium, Zinc	APHA 20e 3030 E1 APHA 20e 3111 B APHA 20e 3111 D APHA 20e 3500-Na B In-house method T51 (Microwave acid digestion) In-house method T52 (ICP-OES)
	Potable Water	Ultraviolet Absorption at 254nm	APHA 20e 5910 A & B
	Solid and Semi-solid Wastewater Sludges	Physical Examination:- Total solids dried at 103-105°C Fixed solids ignited at 550°C Volatile solids ignited at 550°C Settled sludge volume (SSV) Sludge volume Index (SVI)	APHA 20e 3111 B APHA 20e 2540 G APHA 20e 2540 G APHA 20e 2540 G APHA 20e 2710 C 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

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ENVIRONMENTAL TESTING (cont'd) 環境測試(續上)	Water and Wastewater	Microbial indicators:- - Enumeration of E. coli - Enumeration of Faecal Coliforms - Enumeration of Enterococci	Environmental Microbiology Laboratory Test Method Manual TM09/EC/10/98 Issue 3, Environmental Protection Department, HK Environmental Microbiology Laboratory Test Method Manual TM09/EC/10/98 Issue 3, Environmental Protection Department, HK United States Environmental Protection Agency Method 1600: Enterococci in water by membrane filtration using membrane Enterococcus Indoxyl-β-D-Glucoside Agar (mEI)
	Water, wastewater and Cooling Tower Water	Legionellae count including Legionella pneumophila count	AS/NZS 3896:1998
	Marine Water	- Enumeration of E. coli	Environmental Microbiology Laboratory Test Method Manual TM09/EC/10/98 Issue 3, Environmental Protection Department, HK
		- Enumeration of Faecal Coliforms	Environmental Microbiology Laboratory Test Method Manual TM09/EC/10/98 Issue 3, Environmental Protection Department, HK
		- Enumeration of Enterococci	United States Environmental Protection Agency Method 1600: Enterococci in water by membrane filtration using membrane Enterococcus Indoxyl-β-D-Glucoside Agar (mEI)

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FOOD 食品	General foodstuff	Microbiological tests:- - Aerobic Plate Count - Coliform Count - E. Coli Count - Staphylococcus aureus Yeast and mold Metals: - Antimony, Arsenic, Chromium, Cadmium, Lead, Mercury, Tin, Sodium	AOAC Official Method 990.12 (2005) AOAC Official Method 991.14 (2005) AOAC Official Method 991.14 (2005) AOAC Official Method 2003.07 (2006) (Selected types of processed and prepared food) AOAC Official Method 2003.08 (2005) (Selected Dairy Foods) AOAC Official Method 2003.11 (2005) (Selected Meat, Seafood, and poultry) AOAC Official Method 997.02 (2005) In-house method T55 (Microwave acid digestion) In-house method T58 (ICP-OES)