



Enviro Labs Limited
環境化驗有限公司

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ACCREDITED TEST : Chinese Medicine 中藥
CATEGORY Environmental Testing 環境測試
認可測試類別 Food 食品
Miscellaneous 雜類



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Chinese Medicine 中藥		
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Proprietary Chinese Medicines	Microbiological examinations :- - 微生物限度檢查法 Microbial Limit Test 細菌數 Aerobic bacteria count 霉菌與酵母菌數 Mould and Yeast count 大腸桿菌 <i>E. coli</i> 沙門菌 <i>Salmonella</i> species 銅綠假單胞菌 <i>Pseudomonas aeruginosa</i> 金黃色葡萄球菌 <i>Staphylococcus aureus</i>	中華人民共和國藥典2000年版一部附錄XIIC Pharmacopoeia of the People's Republic of China 2000, Volume I, App. XIIC



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Environmental Testing 環境測試		
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<p>Indoor Air Quality Testing</p> <p>Collectate sampled by</p> <p>1. Single-stage N6 Andersen sampler, 2. Single-stage SAS Super IAQ sampler</p> <p>Collectate sample on agar plate</p>	<p>Microbiological examination:-</p> <p>Airborne bacteria count (number of colonies and corrected number of colonies on agar plate) (30°C for 2 days)</p> <p>Airborne bacteria count (number of colonies on agar plate) (30°C for 2 days)</p>	<p>In-house method HOP-MT22</p> <p>In-house method HOP-MT22</p>



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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	APHA 20e 2120 B APHA 21e 4500-H ⁺ B APHA 21e 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 21e 2320 B APHA 21e 2320 B APHA 20e 2340 B APHA 20e 2340 C In-house Method HOP-EW37 APHA 20e 2510 B

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Water and Wastewater (cont'd)	Non-metallic Constituents:- - Cyanide (Total) - Nitrogen (Ammonia) - Nitrogen (Nitrate) - Nitrogen (Nitrite) - Nitrogen (Total) - Nitrogen (Nitrate + Nitrite) - Nitrogen (Total Kjeldahl) - Nitrogen (Organic) - Nitrogen (Oxidised) - Ozone dose - Phosphorus (Total) - Phosphorus (Total reactive) (Orthophosphate) - Chlorine (Total residual) - Chlorine (Free residual) - Chloride - Sulphate	APHA 20e 4500-CN- C, D & E APHA 20e 4500-NH ₃ B & C APHA 21e 4500-NH ₃ F APHA 21e 4500-NO ₃ ⁻ E In-house method HOP-EW49 (By FIA) APHA 21e 4500-NO ₂ ⁻ B In-house method HOP-EW49 (By FIA) APHA 20e 4500-N _{org} B APHA 20e 4500-NO ₃ ⁻ E In-house method HOP-EW49 (By FIA) 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 In-house method HOP-EW42 (By Iodometric Titration method) APHA 20e 4500-P B5 & D APHA 20e 4500-P D APHA 20e 4500-Cl B In-house method HOP-EW31 In-house method HOP-EW36 (By DPD colorimetric method) In-house method HOP-EW36 (By DPD colorimetric method) APHA 20e 4500-Cl ⁻ B APHA 20e 4500-SO ₄ ²⁻ E



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Water and Wastewater (cont'd)	Non-metallic Constituents:- - Dissolved oxygen - Sulphide Organic Pollutants:- - 5-Day Biochemical Oxygen Demand - Chemical oxygen demand - Oil & grease Trace Metals:- (Total acid extractable) - Acid digestion - Aluminium, Antimony, Arsenic, Barium, Boron, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Lithium, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Tin, Thallium, Vanadium, Zinc - Hexavalent Chromium (VI)	APHA 20e 4500-O G APHA 21e 4500-S ² -D APHA 20e 5210 B BS6068-2.63:1998 APHA 20e 5220 C APHA 21e 5220 B APHA 21e 5220 D APHA 20e 5520 B APHA 20e 3030 E1 In-house method HOP-EW39 (Microwave acid digestion) In-house method HOP-EW40 (By ICP-OES)
Water	Physical Examination:- - Oxidation-reduction potential Non-metallic Constituents:- - Fluoride	APHA 21e 2580 B APHA 21e 4500-F D
Potable Water	Ultraviolet Absorption at 254nm	APHA 20e 5910 A & B

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Potable water (having turbidity < 1 NTU)	Trace metals (Total recoverable):- - Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Copper, Iron, Lead, Mercury, Nickel, Selenium	In-house method HOP-EW57 (By ICP-MS)
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 2540 G APHA 20e 2540 G APHA 20e 2540 G APHA 20e 2710 C APHA 20e 2710 D
Water and Saline water	Organic Pollutants :- - Polycyclic Aromatic Hydrocarbons: Naphthalene Benz(a)anthracene Acenaphthylene Chrysene Acenaphthene Benzo(b)fluoranthene Fluorene Benzo(k)fluoranthene Phenanthrene Benzo(a)pyrene Anthracene Indeno(1,2,3-cd)pyrene Fluoranthene Dibenz(a,h)anthracene Pyrene Benzo(g,h,i)perylene	In house method HOP-EW52 (By GC/MSD)



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Water, Wastewater and Saline Water	Microbiological examinations: - Heterotrophic plate count - Total <i>Coliform</i> count - Faecal <i>Coliform</i> count - <i>E. coli</i> 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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Water and Wastewater	Microbiological examination:	
	- Enumeration of <i>E. coli</i>	Environmental Microbiology Laboratory Test Method Manual TM09/EC/10/98 Issue 3, Environmental Protection Department, HK
	- Enumeration of Faecal <i>Coliforms</i>	Environmental Microbiology Laboratory Test Method Manual TM09/EC/10/98 Issue 3, Environmental Protection Department, HK
Treated bathing water, Water for human use and consumption	- Enumeration of <i>Enterococci</i>	United States Environmental Protection Agency Method 1600: Enterococci in water by membrane filtration using membrane <i>Enterococcus</i> Indoxyl-β-D-Glucoside Agar (mEI)
	- <i>Legionella</i> spp. including <i>Legionella pneumophila</i>	ISO 11731-2:2004 BS EN ISO 11731-2:2008
Water, wastewater and Cooling Tower Water	- <i>Legionellae</i> including <i>Legionella pneumophila</i>	AS/NZS 3896:1998
Marine Water	- Enumeration of <i>E. coli</i>	Environmental Microbiology Laboratory Test Method Manual TM09/EC/10/98 Issue 3, Environmental Protection Department, HK
	- Enumeration of Faecal <i>Coliforms</i>	Environmental Microbiology Laboratory Test Method Manual TM09/EC/10/98 Issue 3, Environmental Protection Department, HK
	- Enumeration of <i>Enterococci</i>	United States Environmental Protection Agency Method 1600: Enterococci in water by membrane filtration using membrane <i>Enterococcus</i> Indoxyl-β-D-Glucoside Agar (mEI)

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Food 食品		
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Selected Meat, Seafood, and poultry	- <i>Staphylococcus aureus</i>	AOAC Official Method 2003.11 (2005)
Swab of surfaces in contact with food	- Aerobic Plate Count	SN/T 1897/2007 (3M Petrifilm method)
General foodstuff	Metals: -	
	- Antimony, Arsenic, Boron, Chromium, Cadmium, Lead, Mercury, Tin, Sodium	In-house method HOP-FD01 (Microwave acid digestion) In-house method HOP-FD02 (By ICP-OES)
	- Boric acid and borates	In-house method HOP-FD05 (By ICP-OES)
	Organic contaminants:-	
Drinks and Beverages	Phthalates:	
	- Di-(2-ethylhexyl) phthalate (DEHP) Benzyl butyl phthalate (BBP) Di-n-octyl phthalate (DNOP) Di-butyl phthalate (DBP) Di-isononyl phthalate (DINP) Di-isodecyl ortho- phthalate (DIDP)	In-house method HOP-FD04 (By GC/MSD)
	Preservatives :-	
	- Benzoic acid, Sorbic acid, Methyl para-hydroxybenzoate, Ethyl para-hydroxybenzoate and Propyl para-hydroxybenzoate	In house method HOP-FD03 (By HPLC/DAD) In house method HOP-FD09 (Confirmation test by LC/MS/MS)
	- Malachite green and Leucomalachite green	In house method HOP-FD22 (By LC/MS/MS)
Aquatic Products		



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Fruit and Vegetables (cont'd)	Organophosphorus pesticides: - Azinphos-methyl, Carbophenothion, Chlorfenvinphos, Chlorpyrifos, Chlorpyrifos methyl, Coumaphos, Crufomate, Dichlorvos, Dimethoate, Diazinon, Disulfoton, Edifenphos, Ethion, Ethoprop (Ethoprophos), Fenamiphos, Fenitrothion, Fensulfothion, Fenthion, Fenchlorphos, Isofenphos, Malathion, Methidathion, Mevinophos, Monocrotophos, Parathion-ethyl, Phenthoate, Phorate, Prothiophos (Tokuthion), Phosmet, Phosalone, Profenofos (profenophos), Phosphamidon, Pirimiphos-methyl, Pyrazophos, Quinalphos, Sulfotep, Tetrachlorvinphos, Triazophos and Trichlorfon	In-house method HOP-FD07 (By LC/MS/MS)



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Miscellaneous 雜類		
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衛生紙 Bathroom Tissue	Microbiological tests :- 微生物指標 Microbiological Quality 細菌菌落總數 Total Bacteria Count 大腸菌群 <i>Coliform</i> 金黃色葡萄球菌 <i>Staphylococcus aureus</i> 溶血性鏈球菌 <i>Hemolytic streptococci</i>	GB 20810-2006 中華人民共和國國家標準: 衛生紙 (含衛生紙原紙) (附錄 A 微生物指標的測定) GB 20810-2006 Bathroom tissue (including tissue base paper) (Appendix A)
擦手紙 Hand Towel	微生物指標 Microbiological Quality 細菌菌落總數 Total Bacteria Count 大腸菌群 <i>Coliform</i> 金黃色葡萄球菌 <i>Staphylococcus aureus</i> 溶血性鏈球菌 <i>Hemolytic streptococci</i>	GB/T 24455-2009 中華人民共和國國家標準: 擦手紙 (附錄 A 微生物指標的測定) GB/T 24455-2009 Hand Towel (Appendix A)