



Philippine
Accreditation
Bureau

Certificate of Accreditation

The Philippine Accreditation Bureau, Department of Trade and Industry, grants accreditation to

CRL ENVIRONMENTAL CORPORATION

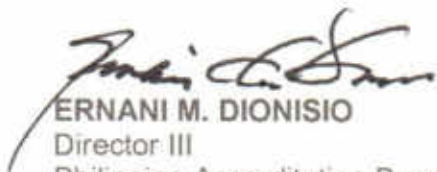
**Bldg. 02, Berthaphil Compound I, Berthaphil Inc. Business Park
Jose Abad Santos Ave., CSEZ, Clarkfield, Pampanga, 2010, Philippines**

having been assessed and found conforming to the requirements of **PNS ISO/IEC 17025:2005** and the PAB conditions for laboratory accreditation in the field of **Biological Testing** as specified in the Scope of Accreditation.

This accreditation demonstrates technical competence for the specified scope in Appendix No. **ATEL-1-0215-118C** and the operation of a laboratory quality management system that meets the principles of ISO 9001:2008.

This Certificate is valid until **08 April 2021** subject to continuing conformity with the criteria and PAB conditions for laboratory accreditation.

Issued this 4th day of February 2016 at Makati City, Philippines.


ERNANI M. DIONISIO
Director III
Philippine Accreditation Bureau


PAB ACCREDITED
TESTING LABORATORY
PNS ISO/IEC 17025:2005
LA-2008-118C

ATEL-1-0215-118C

SCOPE OF ACCREDITATION

CRL ENVIRONMENTAL CORPORATION

**Bldg. 02, Berthaphil Compound I, Berthaphil Inc. Business Park
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Biological Testing

Products/ Class of Test	Specific tests or Measurements	Standard Method/ Reference Standard
1.07 Microbiological test for factory hygiene purposes		
(.01, .02) DB. Air DC. In-process water DE. Others	Aerobic plate count	Pour Plate Method (APHA-AWWA 9251B)
	Coliform count	Multiple Tube Fermentation Technique (APHA-AWWA 9221B&E)
	Coliform detection	Single Tube Qualitative Test for Total Coliform Method 9221D (APHA-AWWA)
	<i>E. coli</i> detection	IMVIC test (APHA-AWWA)
	Sample Collection	USEPA
1.13 Microbial test of waters, including effluents		
(.01, .02, .03, .04) BA. Potable waters BB. Non potable waters BC. Sewage BD. Effluents and trade wastes BE. Cooling tower BF. Industrial waters (treated, recirculating) BG. Swimming and spa pools BH. Marine waters BI. Environmental waters BJ. Source water	Heterotrophic plate count	Pour Plate Method/ SMEWW, APHA-AWWA 9215B
	Total coliform count	Multiple Tube Fermentation Technique/ SMEWW, APHA-AWWA 9221 B&E
	Fecal coliform count	
	Total coliform detection	Single Tube Qualitative Test for Total Coliform Method/ SMEWW, APHA-AWWA 9221D
	<i>E. coli</i> count	IMVIC (APHA-AWWA 9225 B&D)
	<i>E. coli</i> detection	
	Sample Collection	SMEWW, APHA-AWWA

Legend to Reference Standards:

SMEWW - Standard Methods for the Examination of Water and Wastewater
APHA-AWWA - American Public Health Association-American Waterworks Association

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**PAB ACCREDITED
TESTING LABORATORY**
PNS ISO/IEC 17025:2005
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ATEL-2-0215-118C

APPROVED SIGNATORIES

CRL ENVIRONMENTAL CORPORATION

**Bldg. 02, Berthaphil Compound I, Berthaphil Inc. Business Park
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Name	Program/Class of Test Biological Testing
Maria Carmela Q. Capule Chas C. Arroyo Adler P. Gatbonton	1.07 Microbiological Test for factory hygiene purposes Sample Collection DB. Air DC. In-process DE. Others
	1.13 Microbial test of waters, including effluents Sample Collection BA. Potable waters BB. Non potable waters BC. Sewage BD. Effluents and trade wastes BE. Cooling tower BF. Industrial waters (treated, recirculating) BG. Swimming and spa pools BH. Marine waters BI. Environmental waters BJ. Source water
Geraldine T. Yabut	1.07 Microbiological Test for factory hygiene purposes .01 Aerobic plate count .02 Coliform count Coliform detection E. coli detection DB. Air DC. In-process DE. Others



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Name	Program/Class of Test Biological Testing
Geraldine T. Yabut	1.13 Microbial test of waters, including effluents .01 Heterotrophic plate count .02 Total coliform count .03 Fecal coliform count .04 <i>E. coli</i> count Total coliform detection <i>E. coli</i> detection BA. Potable waters BB. Non potable waters BC. Sewage BD. Effluents and trade wastes BE. Cooling tower BF. Industrial waters (treated, recirculating) BG. Swimming and spa pools BH. Marine waters BI. Environmental waters BJ. Source water
Adler P. Gatbonton	1.07 Microbiological Test for factory hygiene purposes .01 Aerobic plate count .02 Coliform count DB. Air DC. In-process DE. Others:



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Name	Program/Class of Test Biological Testing
Adler P. Gatbonton	1.13 Microbial test of waters, including effluents .01 Heterotrophic plate count .02 Total coliform count .03 Fecal coliform count BA. Potable waters BB. Non potable waters BC. Sewage BD. Effluents and trade wastes BE. Cooling tower BF. Industrial waters (treated, recirculating) BG. Swimming and spa pools BH. Marine waters BI. Environmental waters BJ. Source water

*The List of PAB Approved Signatory is valid until **08 April 2021** subject to continuing conformity with the criteria and PAB conditions for accreditation.*


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