



Ref No. : 0303/17859

CERTIFICATE OF TESTING LABORATORY ACCREDITATION

This is to certify that

*Radioactivity Measurement Laboratory, Radioactive Waste Management Center,
Thailand Institute of Nuclear Technology (Public Organization)
16 Vibhavadi-Rangsit Road, Ladyao, Chatuchak Bangkok 10900*

has successfully undergone assessment according to ISO/IEC 17025 : 2017
and under the Bureau of Laboratory Accreditation, Department of Science Service
for the requirements, regulations and criteria for the competence of testing laboratories

LABORATORY ACCREDITATION
Accreditation Number TESTING - 0128
BLA-DSS

The scope of accreditation is as annexed hereto

Issue date : 18th December 2024

Expired date : 17th December 2028

Signature : *Chantararat Vorasapant*
(Mrs. Chantararat Vorasapant)

Director of Bureau of Laboratory Accreditation

Bureau of Laboratory Accreditation, Department of Science Service,
Ministry of Higher Education, Science, Research and Innovation

Scope of Laboratory Accreditation

Laboratory Name : Radioactivity Measurement Laboratory, Radioactive Waste Management Center,
Thailand Institute of Nuclear Technology (Public Organization)

Address : 16 Vibhavadi-Rangsit Road, Ladyao, Chatuchak Bangkok 10900

Accreditation Number : Testing - 0128

Laboratory Status : ☒ Permanent ☐ Site ☐ Temporary ☐ Mobile

Item Number	Test Material / Product	Test item / Range of Testing	Test Method / Technique Used
1	Water	- Gross alpha activity 0.06 Bq/L to 5.00 Bq/L - Gross beta activity 0.06 Bq/L to 10.00 Bq/L - Cesium-137 1.50 Bq/L to 30.00 Bq/L - Cobalt-60 1.80 Bq/L to 36.00 Bq/L - Tritium 15 Bq/L to 100 Bq/L	In - house method : WI-WMC-14 based on United States Environmental Protection Agency, EPA, 1980, Method 900.0 In - house method : WI-WMC-13 based on United States Environmental Protection Agency, EPA, 1980, Method 901.1 In - house method : WI-WMC-32 based on United States Environmental Protection Agency, EPA, 1980, Method 906.0

Initial Issue Date 26th August 2015

Issue Number 5

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

Scope of Laboratory Accreditation

Laboratory Name : Radioactivity Measurement Laboratory, Radioactive Waste Management Center,
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Address : 16 Vibhavadi-Rangsit Road, Ladyao, Chatuchak Bangkok 10900

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Item Number	Test Material / Product	Test item / Range of Testing	Test Method / Technique Used
2	Wastewater	- Gross alpha activity 0.06 Bq/L to 5.00 Bq/L - Gross beta activity 0.06 Bq/L to 40.00 Bq/L - Cesium-137 1.50 Bq/L to 30.00 Bq/L - Cobalt-60 1.80 Bq/L to 36.00 Bq/L - Tritium 15 Bq/L to 1 000 Bq/L	In - house method : WI-WMC-14 based on United States Environmental Protection Agency, EPA, 1980, Method 900.0 In - house method : WI-WMC-13 based on United States Environmental Protection Agency, EPA, 1980, Method 901.1 In - house method : WI-WMC-32 based on United States Environmental Protection Agency, EPA, 1980, Method 906.0

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Item Number	Test Material / Product	Test item / Range of Testing	Test Method / Technique Used
3	Bottled drinking water	- Gross alpha activity 0.06 Bq/L to 5.00 Bq/L - Gross beta activity 0.06 Bq/L to 10.00 Bq/L - Tritium 15 Bq/L to 100 Bq/L	In - house method : WI-WMC-14 based on United States Environmental Protection Agency, EPA, 1980, Method 900.0 In - house method : WI-WMC-32 based on United States Environmental Protection Agency, EPA, 1980, Method 906.0

Issue Date : 18th December 2024

Signature : 
(Mrs. Chantarat Vorasapavit)

Director of Bureau of Laboratory Accreditation

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