

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

Accreditation Number : Testing - 0128

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

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Issue Date : 30<sup>th</sup> July 2021

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Standard : ISO/IEC 17025:2017

Reference No. : 0303/10608

### Scope of Laboratory Accreditation

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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, 1980, EPA Method 900.0  In - house method : WI-WMC-13 based on United States Environmental Protection Agency, 1980, EPA Method 901.1  In - house method : WI-WMC-32 based on United States Environmental Protection Agency, 1980, EPA Method 906.0

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

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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, 1980, EPA Method 900.0  In - house method : WI-WMC-13 based on United States Environmental Protection Agency, 1980, EPA Method 901.1  In - house method : WI-WMC-32 based on United States Environmental Protection Agency, 1980, EPA Method 906.0

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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, 1980, EPA Method 900.0  In - house method : WI-WMC-32 based on United States Environmental Protection Agency, 1980, EPA Method 906.0

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