


NO: SAMM 315

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LABORATORY LOCATION/ CENTRAL OFFICE:	Radiochemistry and Environment Laboratory, Nuclear Malaysia Block 23, Bangi 43000 Kajang, Selangor , 43000, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	08 DECEMBER 2005
FIELD(S) OF TESTING:	RADIOACTIVITY

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

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FIELD(S) OF TESTING :	RADIOACTIVITY,

SCOPE OF TESTING : RADIOACTIVITY

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Food Samples	Qualitative and quantitative determination of gamma emitters radionuclides such as Cs-134 and Cs137 in various matrices for photon energies of 40 keV up to 2000 keV	In house method (Ref: RASTM-01) based on IAEA Technical Reports Series 295,1989 (Measurement of Radionuclides in Food and the Environment: A Guidebook)
Environmental Samples (e.g.: Water, Soil, Sediment, Flora And Fauna)	Qualitative and quantitative determination of gamma emitters radionuclides such as Ra-226, Ra-228 (or Ac-228) and K-40 in various matrices for photon energies of 40 keV up to 2000 keV	In house method (Ref: RASTM-01) based on IAEA Technical Reports Series 295,1989 (Measurement of Radionuclides in Food and the Environment: A Guidebook)

Schedule

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Industrial Samples (e.g.: Smoke Detector, Raw Material And Waste/effluent Material)	Qualitative and quantitative determination of gamma emitters radionuclides such as Am-241, Ra-226, Ra-228 (or Ac-228) and K-40 in various matrices for photon energies of 40 keV up to 2000 keV	In house method (Ref: RASTM-01) based on IAEA Technical Reports Series 295,1989 (Measurement of Radionuclides in Food and the Environment: A Guidebook)