


Schedule

Issue date: 05 June 2025
Valid Until: 05 June 2030



NO: SAMM 1211

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LABORATORY LOCATION/ CENTRAL OFFICE: 	GRAYMONT APAC KL CENTRAL LABORATORY NO.17, JALAN 51/203A, KAWASAN PERINDUSTRIAN TIONG NAM, SEKSYEN 51 , 46050, SELANGOR MALAYSIA
ACCREDITED SINCE :	05 JUNE 2025
FIELD(S) OF TESTING:	CHEMICAL

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).

CENTRAL LOCATION:	GRAYMONT APAC KL CENTRAL LABORATORY NO.17, JALAN 51/203A, KAWASAN PERINDUSTRIAN TIONG NAM, SEKSYEN 51 , 46050, Selangor
FIELD(S) OF TESTING :	CHEMICAL,

SCOPE OF TESTING : CHEMICAL

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Ores & Minerals Hydrated Lime	Elements/Oxides: Aluminium (as Al ₂ O ₃) Barium (as BaO) Calcium (as CaO) Chromium (as Cr ₂ O ₃) Iron (as Fe ₂ O ₃) Potassium (as K ₂ O) Magnesium (as MgO) Manganese (as MnO) Phosphorus (as P ₂ O ₅) Sulphur (as SO ₃) Silicon (as SiO ₂) Strontium (as SrO) Titanium (as TiO ₂) Vanadium (as V ₂ O ₅) Zirconium (as ZrO ₂)	ASTM C1271,
	Loss on Ignition (1000°C)	ASTM C25,
	Available Lime Index	In-house Method, KLMM 4.19 based on ASTM C25 and AS 4489.6.1,
	Moisture	ASTM C25,
	Particle Size Distribution by Wet Sieving	In-house Method, KLMM 2.5(b) based on ASTM C110 and AS 4489.2.1.

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Ores & Minerals Quicklime	Elements/Oxides:	ASTM C1271,
	Aluminium (as Al ₂ O ₃)	
	Barium (as BaO)	
	Calcium (as CaO)	
	Chromium (as Cr ₂ O ₃)	
	Iron (as Fe ₂ O ₃)	
	Potassium (as K ₂ O)	
	Magnesium (as MgO)	
	Manganese (as MnO)	
	Phosphorus (as P ₂ O ₅)	
	Sulphur (as SO ₃)	
	Silicon (as SiO ₂)	
	Strontium (as SrO)	
	Titanium (as TiO ₂)	
	Vanadium (as V ₂ O ₅)	
	Zirconium (as ZrO ₂)	
	Loss on Ignition (1000°C)	ASTM C25,
	Available Lime Index	In-house Method, KLMM 4.19 based on ASTM C25 and AS 4489.6.1,
	Particle Size Distribution by Dry Sieving	In-house Method, KLMM 2.5(a) based on AS 1141.11.1,
	Reactivity	In-house Method, KLMM 4.22(a) based on BS EN 459, Part 2 and ASTM C110.
Ores & Minerals Limestone	Elements/Oxides:	ASTM C1271,
	Aluminium (as Al ₂ O ₃)	
	Barium (as BaO)	
	Calcium (as CaO)	
	Chromium (as Cr ₂ O ₃)	
	Iron (as Fe ₂ O ₃)	
	Potassium (as K ₂ O)	
	Magnesium (as MgO)	
	Manganese (as MnO)	
	Phosphorus (as P ₂ O ₅)	
	Sulphur (as SO ₃)	
	Silicon (as SiO ₂)	
	Strontium (as SrO)	
	Titanium (as TiO ₂)	
	Vanadium (as V ₂ O ₅)	
	Zirconium (as ZrO ₂)	
	Loss on Ignition (1000°C)	ASTM C25,
	Particle Size Distribution by Wet Sieving	In-house Method, KLMM 2.5(b) based on ASTM C110 and AS 4489.2.1.

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Ores & Minerals Dolomite	Elements/Oxides: Aluminium (as Al ₂ O ₃) Barium (as BaO) Calcium (as CaO) Chromium (as Cr ₂ O ₃) Iron (as Fe ₂ O ₃) Potassium (as K ₂ O) Magnesium (as MgO) Manganese (as MnO) Phosphorus (as P ₂ O ₅) Sulphur (as SO ₃) Silicon (as SiO ₂) Strontium (as SrO) Titanium (as TiO ₂) Vanadium (as V ₂ O ₅) Zirconium (as ZrO ₂)	ASTM C1271,
	Loss on Ignition (1000°C)	ASTM C25.