


NO: SAMM 1048

Page: 1 of 2

LABORATORY LOCATION/ CENTRAL OFFICE:	Testing Services (Sabah) Sdn. Bhd. 2nd Floor, Lot 1 & 2, Block B, Bandar Melrose Mile 3, North Road 9000 Sandakan, Sabah , 90000, SABAH MALAYSIA
	
ACCREDITED SINCE :	19 MARCH 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:	Testing Services (Sabah) Sdn. Bhd. 2nd Floor, Lot 1 & 2, Block B, Bandar Melrose Mile 3, North Road 9000 Sandakan, Sabah , 90000, Sabah
FIELD(S) OF TESTING :	CHEMICAL,

SCOPE OF TESTING : CHEMICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Agricultural Products & Materials Palm Kernel Expeller / E Animal Feedstuffs	Moisture Content	MPOB k2.6:2004
	Oil Content	MPOB k1.3:2004
	Crude Protein	MS 3:1982 Clause 6.1
	Ammonia Nitrogen	MS 3:1982 Clause 6.2
	Crude Fibre	MS 3:1982 Clause 9
	Total / Crude Ash	MS 3: 1982 Clause 10
	Acid Insoluble Ash / Sand & Silica	MS 3:1982 Clause 11
Agricultural Products & Materials Palm Oil Products & E Edible Oils	Moisture & Volatile Matter	MPOB p 2.1:2004 AOCS Ca 2c-25 MPOB k1.4:2004
	Impurities	MPOB p2.2:2004 AOCS Ca 3a-46
	Peroxide Value	MPOB p2.3:2004 AOCS Cd 8b-90
	Acidity / Free Fatty Acid	MPOB p2.5:2004 AOCS Cd 5a-40
	Carotene Content	MPOB p2.6:2004

Schedule

Issue date: 19 March 2025
Valid Until: -



NO: SAMM 1048

Page: 2 of 2

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Total Saponifiable Matter	MPOB p3.8:2004
	Unsaponification Matter	MPOB p2.7 (Part 2):2004 AOCS Ca 6b-53 (Revised 2011)
	Iodine Value (Wijs Method)	MPOB p3.2:2004 AOCS Cd 1d-92
	Colour (Lovibond)	MPOB p4.1: 2004 AOCS Cc 13e-92
	Slip Melting Point	MPOB p4.2:2004 AOCS Cc 3-25
	Cloud Point	MPOB p4.3:2004 AOCS Cc 6-25
	DOBI	MPOB p2.9:2004
Environmental Monitoring Palm Oil Mill Effluent E Water E	Biochemical Oxygen Demand (3 Days @ 30°C)	DOE Method 2019, (Reference Method)
	Chemical Oxygen Demand	DOE Method 2019, (Reference Method)
	Ammoniacal Nitrogen	DOE Method 2019, (Reference Method)
	Total Nitrogen	DOE Method 2019, (Reference Method)
	Suspended Solid	DOE Method 2019, (Alternative Method)
	Oil & Grease	DOE Method 2019, (Reference Method)
	pH Value	APHA 4500°H*, 23° Edition
	Total Solid	APHA 2540-B, 23" Edition
	Total Alkalinity	APHA 2320-B, 23" Edition
Palm Kernel E	Moisture & Volatile Matter	MPOB k1.2:2004
	Dirt & Shell	MPOB k1.1:2004
	Free Fatty Acid in Extracted Oil	MPOB p2.5:2004
	Oil Content	MPOB k1.3:2004

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3003601> for the current scope of accreditation