


NO: SAMM 659

Page: 1 of 3

<b>LABORATORY LOCATION/ CENTRAL OFFICE:</b>	Indelab (East) Sdn. Bhd. Blok F, Lot 55, MDLD 8341, Layung Industrial Park, KM 5, Jalan Tengah Nipah, 91100 Lahad Datu, Sabah. , 91100, SABAH MALAYSIA
	
<b>ACCREDITED SINCE :</b>	06 APRIL 2025
<b>FIELD(S) OF TESTING:</b>	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).

<b>CENTRAL LOCATION:</b>	Indelab (East) Sdn. Bhd. Blok F, Lot 55, MDLD 8341, Layung Industrial Park, KM 5, Jalan Tengah Nipah, 91100 Lahad Datu, Sabah. , 91100, Sabah
<b>FIELD(S) OF TESTING :</b>	CHEMICAL,

**SCOPE OF TESTING : CHEMICAL**

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Agriculture Products &	None	None
	None	None
Agriculture Products & Materials	None	None
	None	None
Agriculture Products & Materials (continued)	None	None
Edible Oils	None	MPOB p2.5:2004
	Moisture & Volatile Matter	AOCS Ca 2c-25 (Reapproved 2009)
	None	MPOB p4.2:2004
	Peroxide Value	AOCS Cd 8b-90 (Revised 2011)
	2- And 3-MCPD Fatty Ester	In house No. G33 based on AOCS
Fertilizer E	Moisture content	MS 417: Part 2:1994

# Schedule

Issue date: 06 April 2025  
Valid Until: -



NO: SAMM 659

Page: 2 of 3

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	None	MS 417: Part 7:2001-Clause 6.2.3
Materials	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
	None	None
	None	based on MS 417: Part 2: 1994 (First
	Vickers Hardness 1 gf to 30 kgf (0.1 kgf and 1 kgf load)	E384-2017
	ii Lead (Pb)	None
	None	on BS EN 14084:2003
	None	based on MS 417: Part 3: 2020,
	None	Analysis: The Johan Kjeldahl
	None	based on MS 417: Part 3: 2020,
	None	N) Analysis: The Johan Kjeldahl
	None	based on MS 417 Part 7:2020,
	Fertilizers	None
	None	None
	Vickers Hardness 1 gf to 30 kgf (0.1 kgf and 1 kgf load)	E384-2017
	Volume Resistance or Resistivity	None
	None	ANSI/ESD STM 11.12-2015
	None	None
	None	Method)
	None	Based on MS 417: Part 2 : 1994
	None	1: Atomic Absorption
	None	Method)
	None	Based
	None	on MS 417-3: 2020, Clause 12,
	None	Based on MS 417-4: 2020, Clause
Materials (continued)	None	None
	None	based on MS 417: Part 5: 2020
Palm Kernel & Palm Kernel Product	Moisture and Volatile matter	MPOB k1.4: 2004 (Hot Plate method)
Palm Kernel E	Moisture & Volatile Matter	MS 817:PART 2
	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
Palm Kernel Expeller/ Animal Feed	Moisture Content	GAFTA 2.1 ISO 6496: 1999 MPOB k2.6: 2004 (for PKE Only) AOAC 934.01
	Oil Content	GAFTA 3.0 ISO 6492: 1999 (Procedure A)

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3004128> for the current scope of accreditation

# Schedule

Issue date: 06 April 2025  
Valid Until: -



NO: SAMM 659

Page: 3 of 3

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Crude Protein	GAFTA 4.0 In-house method IE.04 based on ISO 5983-2:2009
	Crude Fiber	GAFTA 10.0 ISO 6865:2000
	Sand and Silica	In-house method IE:01 based on GAFTA 12.0 & AOAC 942.05 ISO 5985:2002
	Crude Ash	AOAC 942.05 ISO 5984:2002
	Shell content	MPOB k2.3:2004 **(For PKE only)
Palm Oil Products & E	FFA (Acidity)	AOCS Ca 5a-40 (Reapproved 2009)
	Slip Melting Point	AOCS Cc 3-25 (Reapproved 2009)
Palm Oil Products & E Edible Oils	Liter weight in air	AOCS Cc 10c-95 (Reapproved 2009 ISO 6883:2007(E)
	Liter weight in air / Apparent Density	ISO 18301
Waste Water Analyses E	Total Solids (103°C - 105°C)	APHA 2540 B

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3004128> for the current scope of accreditation