


NO: SAMM 1209

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<b>LABORATORY LOCATION/ CENTRAL OFFICE:</b>	TESTING LABORATORY SAYBOLT (M) SDN. BHD. C-2-1, JALAN BAYU LAUT 15D/KS09 KOTA BAYU EMAS PENDAMAR , 42000, SELANGOR MALAYSIA
	
<b>ACCREDITED SINCE :</b>	05 MAY 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>	TESTING LABORATORY SAYBOLT (M) SDN. BHD. C-2-1, JALAN BAYU LAUT 15D/KS09 KOTA BAYU EMAS PENDAMAR , 42000, Selangor
<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
Biofuel -" Vegetable / Palm Oil Waste	Free Fatty Acid	ISO 660 (Cold solvent method using potentiometric titration) / AOCS Ca 5a-40
	Moisture & Volatile Matter	ISO 662 Method B (Oven) / AOCS Ca 2c-25
	Insoluble Impurities	ISO 663 / AOCS Ca 3a-46
	Iodine Value	ISO 3961 / AOCS Cd 1d-92
	Unsaponifiable Matter	ISO 18609 / AOCS Ca 6a-40
	Total Sulphur (by UV Fluorescence)	In-house Method IHM-002 based on ASTM D 5453
	Total Nitrogen (by UV Fluorescence)	In-house Method IHM-003 based on ASTM D 4629

## Schedule

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



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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Flash Point (by Pensky – Martens Closed Cup Tester)	ASTM D 93 Procedure B / ISO 2719
	Density, Relative Density and API Gravity (Digital Density Meter)	ASTM D 4052 / ISO 18301
	Determination of Chloride (by MicroColoumetri)	In-house Method IHM-001 based on UOP 779-08 and ASTM 4929
	Multielements Determination (Ag, Al, B, Ba, Ca, Cd, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, Si, Sn, Ti, V, Zn by ICPOES)	In-house Method IHM-004 based on ASTM D 5185

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