Schedule

Issue date: 04 September 2024
Valid Until: 19 February 2028

NO: SAMM 956

LABORATORY LOCATION/ CENTRAL OFFICE:	Elite Advanced Materials Sdn. Bhd. 1, Jalan KPK 1/2, Kawasan Perindustrian Kundang Kundang Jaya 48020 Rawang Selangor , 48020, SELANGOR MALAYSIA
ACCREDITED SINCE :	19 FEBRUARY 2020
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:	Elite Advanced Materials Sdn. Bhd. 1, Jalan KPK 1/2, Kawasan Perindustrian Kundang Kundang Jaya 48020 Rawang Selangor , 48020, Selangor
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**
Acetone isopropyl Alcohol methanol n-heptane n-hexane	Purity Assay	In-house method (LQP-22-SOP-T006) using GC-FID based on Reagent Chemicals Specifications and Procedure 10th ed., American Chemical Society, 2006, pg. 80-83/by normalization.
	Water Content	ASTM E1064, "Standard Test Method for Water using Coulometric Karl Fischer Titration".
	Acidity	In-house method (LQP-22-SOP-T001) based on ASTM D1613-03

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	Alkalinity	In-house method (LQP-22-SOP-T007) based on ASTM D1614-09
	Non-volatile Matter	In-house method (LQP-22-SOP-T004) based on ASTM D1353-03
	UV-Vis Absorbance	In-house method (LQP-22-SOP-T005) using Spectrophotometer based on European Pharmacopoeia 7.0 Section 2.2.25. Absorption Spectrophotometry, Ultraviolet and Visible.
Alcohol-water Mixture Sample - Ethanol - Isopropyl Alcohol	Quantitative Analysis using FTIR spectroscopy - Alcohol concentration	In-house method (LQP-22-SOP-T008) using FTIR spectroscopy based on ASTM E168-06, “Standard Practice for General Techniques of Infrared Qualitative Analysis”/Quantitative ASTM E1655, “Standard Practice for Infrared Multivariate Qualitative Analysis”/Quantitative
Organic Solvents - Acetone - Ethanol (denatured With Methanol) - Ethanol Absolute - Ethyl Acetate - Isopropyl Alcohol - Methanol - N-heptane - N-hexane - N-propanol - Toluene - Water	Qualitative Analysis using FTIR spectroscopy	In-house method (LQP-22-SOP-T009) using FTIR spectroscopy based on ASTM E1252-98, Qualitative