

ATEL-0723-285B

## SCOPE OF ACCREDITATION

### **INTEGRATED MICRO-ELECTRONICS, INC. ANALYTICAL TESTING AND CALIBRATION LABORATORY (ATC LAB)**

**#103 Trade Ave. cor. Technology Ave. Laguna Technopark Export  
Processing Zone, Biñan, Laguna**

#### Chemical Testing

Classification of Scopes	Specific tests or Measurements	Standard Method / Reference Standard
<b>Waters</b>		
Waters for industrial and Steam raising purposes - Deionized water	pH determination	WI FA 16002
Waters	0.1 ppm to 1 ppm Cations ( $\text{Li}^+$ , $\text{Na}^+$ , $\text{NH}_4^+$ , $\text{K}^+$ , $\text{Mg}^{2+}$ , $\text{Ca}^{2+}$ ) and Anions ( $\text{F}^-$ , $\text{Cl}^-$ , $\text{Br}^-$ , $\text{NO}_3^-$ , $\text{SO}_4^{3-}$ , $\text{HPO}_4^{2-}$ )	In-house developed method WI-FA-23-003 Ionic Contamination Analysis by Ion Chromatography
<b>Miscellaneous Materials and Products</b>		
- Polymers - Metals	RoHS screening for lead by X-ray Fluorescence	In-house developed method WI FA 14 002 RoHS Screening Using XRF
- Paints and related surfaces coating - Resins - Inks, dyes and pigments - Plastics - Adhesive sealants	FTIR Analysis of Polymers and Organic Materials	In-house developed method WI FA 15 002 FTIR Analysis of Polymers and Organic Materials Using Nicolet iS50 and Continuum FTIR Microscope
- Polymers - Metals - Ceramics - Semiconductors - Composites	Elemental Analysis by Energy Dispersive Spectroscopy (EDS)	In-house developed Method WI FA 14 001 Elemental Analysis Using EDS In-house Developed Method WI FA 17 003 Dimensional Measurement and Elemental Analysis Using Phenom XL Desktop SEM
Thermoset, thermoplastic, raw or cured epoxy adhesive materials (or equivalent)	Thermal Stability/decomposition as based on 0 to 100% weight via 30°C to 1000°C temperature range	In-House developed method WI-FA-23-004 Operation of Discovery DSC 25 and Discovery TGA 55



**Philippine  
Accreditation  
Bureau**

**ATEL-0723-285B**

## **SCOPE OF ACCREDITATION**

### **INTEGRATED MICRO-ELECTRONICS, INC. ANALYTICAL TESTING AND CALIBRATION LABORATORY (ATC LAB)**

**#103 Trade Ave. cor. Technology Ave. Laguna Technopark Export  
Processing Zone, Biñan, Laguna**

#### **Chemical Testing**

<b>Classification of Scopes</b>	<b>Specific tests or Measurements</b>	<b>Standard Method / Reference Standard</b>
	Phase transition (glass transition temperature, melting point, recrystallization) and %cure: -90°C to 500°C	



**JAMES E. EMPEÑO**

Director IV

Philippine Accreditation Bureau



**PAB ACCREDITED  
TESTING LABORATORY  
PNS ISO/IEC 17025:2017  
LA-2016-285B**