



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

**SGS North America Incorporated**  
**135 Technology Drive**  
**Christiansburg, VA 24073**

Fulfills the requirements of

**ISO/IEC 17025:2017**

In the field of

**TESTING**

This certificate is valid only when accompanied by a current scope of accreditation document.  
The current scope of accreditation can be verified at [www.anab.org](http://www.anab.org).

A handwritten signature in black ink, appearing to be 'J. Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 04 June 2028

Certificate Number: L1191-1



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory  
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017**

**SGS North America Incorporated**

135 Technology Drive  
Christiansburg, VA 24073  
Beth Caba  
540-613-5648

**TESTING**

ISO/IEC 17025 Accreditation Granted: **01 June 2026**

Certificate Number: **L1191-1**

Certificate Expiry Date: **04 June 2028**

**Chemical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Material Identification	ASTM E 1252 6.2; 6.3; 6.4; 6.5.2; 6.5.3; 6.5.4; 7.2; 7.3; 7.4; 7.6; 7.7; 7.9; 8.1; 9 ID 880 ID 892 ID893 ID894 ID 898	Liquids, solids vapors, polymers	Fourier Transform Infrared Spectroscopy (FTIR) Transmission, ATR, Microscope
Molecular Weight Monitoring	ASTM D2857 ISO 1628-1 ASTM D4603	Plastics, polymers, resins	Dilute Solution Viscometry (IV) Capillary viscometers
Elemental Content	ASTM D1976 ID 1760 ID1775 ID 45684	Plastics, polymers, rubber, paints, pigments	Inductively Coupled Plasma (ICP) Optical emission spectrometry (OES)
Moisture Content	ASTM D6869 ID 1025	Plastics, polymers, resins, rubber	Karl Fischer Oven Method
Moisture Content	ASTM E1064 ID 6521	Liquids	Karl Fischer Coulometric Titration
Specific Gravity (Density)	ASTM D792 ID 926	Plastics, polymers, resins, rubber, paints, pigments, adhesives, sealants, coatings	Density by displacement kit,
Specific Gravity (Density)	ASTM D1505 Method C ID 1009	Plastics, polymers, resins, rubber, paints, pigments, adhesives, sealants, coatings	Density by gradient column

This Scope of Accreditation, version 013, was last updated on: 01 June 2026 and is valid only when accompanied by the Certificate.

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## Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Residual Lactide, Glycolide, Caprolactone Monomer	ID 1100	Plastics, polymers	Gas Chromatography (GC) with Flame ionization detector (FID)
Molecular Weight Distribution	ID 37605	Plastics, polymers, resins, paints, pigments, rubber, adhesives, sealants, coatings	Size-Exclusion Chromatography (SEC/GPC) with Multi-angle light scattering detector (MALS), Refractive index detector (RI)
Melting and Crystallization Temperatures, Enthalpy of Fusion and Crystallization, and Glass Transition Temperature	ASTM D3418 ID 917	Solids, powders, liquids	Differential Scanning Calorimeter (DSC)
Microscopic Imaging with Dimensional Morphology Surface Analysis for Elemental Composition	ID 52642	Solids	Scanning Electron Microscopy Energy Dispersive X-ray Spectroscopy (SEM-EDS)
Ash (Inorganic) Content	ASTM D5630 ID 934	Solid, powder, polymers, plastics	Muffle Furnace

## Mechanical Testing

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Tensile and Flexural Strength, Stress, Strain, and Modulus	ASTM D638 ASTM D790 ID 941 ID 939	Plastics, polymers, coatings	Mechanical Testing System (MTS)
Melt Flow Rate	ASTM D1238-Procedure A ID 906	Plastics, Polymers, resins	Extrusion Plastometer

Note:

1. This laboratory offers commercial testing service.



Jason Stine, Vice President

