



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

**QD Labs LP**  
31834 Shad Creek Way  
Frankford, DE 19945

Fulfills the requirements of

**ISO/IEC 17043:2023**

In the field of

**PROFICIENCY TESTING PROVIDER**

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 'Jason Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 20 November 2026

Certificate Number: AP-3327



This proficiency testing provider is accredited in accordance with the recognized International Standard ISO/IEC 17043:2023.  
This accreditation demonstrates technical competence for a defined scope and the operation of a proficiency testing provider quality management system.

**SCOPE OF ACCREDITATION TO ISO/IEC 17043:2023**

**QD Labs LP**

31834 Shad Creek Way  
Frankford, DE 19945

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**PROFICIENCY TEST PROVIDER**

ISO/IEC 17043 Accreditation Granted: **20 November 2024**

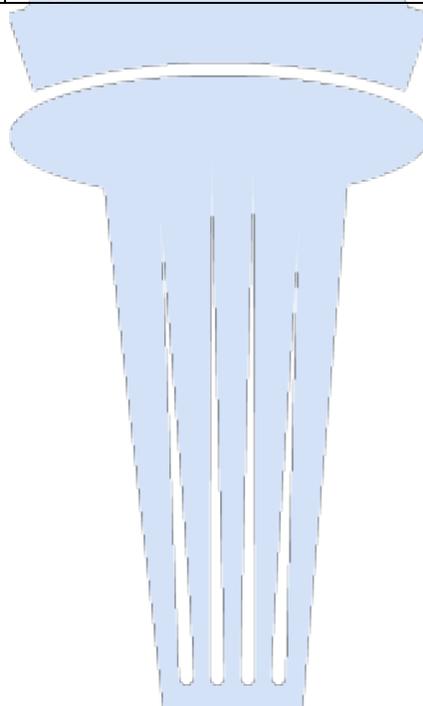
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**Mechanical Testing**

Description of Item	Properties Measured	Procedure for Establishing Assigned Value
Plastics, plastic products and plastic composite products	Tensile properties Flexural properties Hardness Impact properties Compressive properties Abrasion	Consensus Values from Participants
	Optical surface assessment Tribology Surface finish Coating thickness	
	Density Basic parameters	
	Flow rate Viscosity	
	Energetic processes: Melting point Melting enthalpy Glass transition temperature Oxidation induction time Thermal conductivity	
	Thermomechanical properties	

**Mechanical Testing**

Description of Item	Properties Measured	Procedure for Establishing Assigned Value
Plastics, plastic products and plastic composite products	Burning behavior: Burning rate Flammability Corrosion properties Change in optical properties (artificial aging) Change in haptic properties (artificial ageing)	Consensus Values from Participants
	Material degradation: Decomposition processes	
	Permeability: Water vapour Oxygen	
	Electrical resistance	



**Chemical**

Description of Item	Properties Measured	Procedure for Establishing Assigned Value
Plastics, plastic products and plastic composite products	Thermogravimetric parameters: Filler content Soot content Onset temperature Decomposition processes Volatile components	Consensus Values from Participants
	Emission parameters: Volatile ingredients Odor properties Content determination	
	Ash content Water content Water absorption	
	Molecular Masses Material degradation: Relative degradation (by molecular weight distribution)	
	Chemical resistance	
	FTIR analysis qualitative: Identification of polymer materials FTIR analysis quantitative: Content determination	

**Forensics – Gunshot Residue**

Program Area	Program Description	Procedure for Establishing Assigned Value
Synthetic gunshot residue samples for SEM/EDS	Gunshot residue analyses: Detection and Classification of GSR	Consensus Values from Participants



Jason Stine, Vice President

