



CERTIFICATE OF ACCREDITATION

ANSI National Accreditation Board

11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

Fauske & Associates, LLC
16w070 83rd Street
Burr Ridge, IL 60527

has been assessed by ANAB and meets the requirements of international standard

ISO/IEC 17025:2017

while demonstrating technical competence in the field of

TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of activities to which this accreditation applies

L2252

Certificate Number


ANAB Approval

Certificate Valid Through: 06/30/2022
Version No. 003 Issued: 06/27/2019



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

Fauske & Associates, LLC

16w070 83rd Street
 Burr Ridge, IL 60527
 Brenda Lorenz
 630 887 5282
 lorenz@fauske.com

TESTING

Valid to: **June 30, 2022**

Certificate Number: **L2252**

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Accelerating Rate Calorimetry	ASTM E1981	Chemicals	Calorimeter (ARC)
Advanced Reactive System Screening (ARSST)	ARSST SOP	Chemicals	Calorimeter (ARSST)
Differential Scanning Calorimetry (DSC)	ASTM E537	Chemicals, Metals	Calorimeter (DSC)
Thermal Activity Monitor	TAM SOP	Chemicals	Calorimeter (TAM)
VSP2	VSP2 SOP	Chemicals	Calorimeter (VSP2)
Reaction Calorimetry Test	RC SOP	Chemicals	Reaction Calorimeter
pH Determination	pH-Pharma	Dust	



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Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Explosion Severity	ASTM E1226 EN 14034-1 EN 14034-2 Explosion Severity for Combustible Dusts-Pharma	Combustible Dust	20L Explosivity Testing Sphere
Minimum Explosibility Concentration (MEC)	ASTM E1515 EN 14034-3 MEC-Pharma	Combustible Dust	20L Explosivity Testing Sphere
Autoignition Temperature (MIT)	ASTM E1491 EN 50251-2-1 MIT-Pharma	Dust Cloud	BAM Oven; Godbert Greenwald Furnace
Minimum Ignition Energy (MIE)	ASTM E2019 EN13821 MIE-Pharma	Dust Cloud	MIKE3 and CTL04 MIE III
Hot-Surface Ignition Temperature (LIT)	ASTM E2021 EN50281-2-1 LIT-Pharma	Dust	
Limiting Oxygen Concentration (LOC)	ASTM E2931 EN14034-4 LOC-Pharma	Dust	20-L Explosivity Testing Sphere
Volume and Surface Resistivity	ASTM D257	Dust	
Volume Resistivity	BS 5958 Volume Resistivity-Pharma	Dust	
Charge Relaxation	BS 7506 Powder Relaxation Time - Pharma	Dust	JCI 155v6
Ignitability and Burn Rate	UN DOT Div. 4.1 L383 A10 Train Fire-Pharma	Dust	
Melting Point	Melting Point-Pharma	Dust	
Flammability (Solids)	EC 440 Test A.10	Solids	
Relative Self-Ignition Temperature for Solids	EC 440 Test A.16	Solids	
Flammability (Contact with Water)	EC 440 Test A.12	Solids	
Drop Weight Impact Sensitivity Test	UN, Series 3, Section 13.5.1 Test 3(a)(ii) EC 440 Test A.14, Part B	Dust	BAM Fallhammer Apparatus

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Friction Sensitivity Test	UN, Series 3, Section 13.5.1 Test 3(b)(i) EC 440 Test A.14, Part C	Dust	BAM Friction Apparatus
Autoignition Temperature Test (AIT)	ASTM E659 EC 440 A.15	Solid or liquid	
Closed Cup Flash Point	ASTM D3278 ASTM D3828 ASTM D56 ASTM D93 EC 440 Test A.9	Liquid	Setaflash Apparatus Pensky Marten Tag Closed Cup Apparatus
Open Cup Flash Point	ASTM D92	Liquid	Cleveland Open Cup
Koenen Test	EC 440 Test A.14, Part A	Solid or liquid	Koenen Apparatus
Upper Flammability Limit / Lower Flammability Limit	ASTM E681 ASTM E918	Gas or liquid	5L Sphere
Limiting Oxygen Concentration (LOC)	ASTM E2079	Gas or liquid	5L Sphere
Minimum Ignition Energy (MIE)	ASTM E582	Gas or liquid	MIE Apparatus
Ignition Temperature of Plastics	ASTM D1929	Solids	
Temperature Limit of Flammability (LTFL)	ASTM E1232	Liquid or solids	5L Sphere
Oxidizing Properties	EC 440 Test A.17	Solids	
Pyrophoric Properties	EC 440 Test A.13	Liquid or solids	
Vertical Flame Propagation	IEEE-1202 1991 IEEE-1202 2006 UL 1581 NEMA WC 3/ICEA s-19-81	Electrical Cables	IEEE-1202 Test Chamber
Heat of Combustion	ASTM D240	Liquids or Solids	Parr 6200 Calorimeter
Sustained Burning	ASTM D4206 Test L.2 (UN Transport of Dangerous Goods)	Liquids	
Liquid Conductivity	Liquid Conductivity SOP	Liquid	
Ignition Distance (Based on UN 31.4)	Ignition Distance SOP	Aerosol	
Enclosed Space Ignition (Based on UN 31.5)	Enclosed Space Ignition SOP	Aerosol	

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Aerosol Foam Flammability (Based on UN 31.6)	Aerosol Foam Flammability SOP	Aerosol	
Liquid Oxidizer (Based on UN O.2)	Liquid Oxidizer SOP	Liquids	
Time/Pressure (Based on UN 1 (c) (i))	Time/Pressure SOP	Liquids or Solids	

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. L2252.



Vice President

