



CERTIFICATE OF ACCREDITATION

ANSI National Accreditation Board

11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

Aspen Research Corporation
8401 Jefferson Highway
Maple Grove, MN 55369

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

AT-1615

Certificate Number



ANAB Approval

Certificate Valid Through: 02/10/2022
Version No. 006 Issued: 01/09/2020



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

Aspen Research Corporation

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Maple Grove, MN 55369

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TESTING

Valid to: **February 10, 2022**

Certificate Number: **AT-1615**

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
GC-MS Profile	Aspen SOP EL0003	Extractables / Leachables Deionized Water, 9 % Ethanol, 18 % Ethanol or Hexane	GC-MS
HS-GCMS Profile	Aspen SOP EL0004	Solids / Liquids Extractables / Leachables	HS-GC-MS
Anions / Weak Organic Acids (as Oxalate)	Aspen SOP G9018	Ionic Cleanliness 75 %IPA / 25 %DI Water	Ion Chromatography
Viscosity	Aspen SOP G43093	PTFE (Polytetrafluoroethylene) aqueous dispersion	Brookfield LVT Viscometer
Viscosity	Aspen SOP G42763	Adhesive	Brookfield Cone & Plate Viscometer
Trace Metals	Aspen SOP G48346	Water and 0.9% Saline	ICP-MS
Non-volatile residue	Aspen SOP STM 248	Liquid Extracts	Analytical Balance

Note:

- This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1615.



Vice President