



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Aspen Research Corporation
8401 Jefferson Highway
Maple Grove, MN 55369

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.

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 10 February 2024

Certificate Number: AT-1615



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

8401 Jefferson Highway
Maple Grove, MN 55369

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TESTING

Valid to: **February 10, 2024**

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
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
Heavy Metals in Cannabis and Hemp products	Aspen SOP STM 249	Cannabis and Hemp products	ICP-MS
Cannabinoids in Cannabis and Hemp products	Aspen SOP STM 252	Cannabis and Hemp products	HPLC-UV

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Anions / Week Organic Acids	Aspen SOP EL0001	Anions in Extracts	Ion Chromatography

Note:

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



R. Douglas Leonard Jr., VP, PILR SBU

