



# CERTIFICATE OF ACCREDITATION

## ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

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 17025:2005**

while demonstrating technical competence in the field(s) of

**TESTING**

Refer to the accompanying Scope(s) of Accreditation for information regarding the types of tests to which this accreditation applies.

AT-1615

Certificate Number

ANAB Approval

Certificate Valid To: 02/10/2018  
Version No. 002 Issued: 02/04/2016



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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 January 2009).



# ANSI-ASQ National Accreditation Board

## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

### Aspen Research Corporation

8401 Jefferson Highway, Maple Grove, MN 55369

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### TESTING

Valid to: February 10, 2018

Certificate Number: AT - 1615

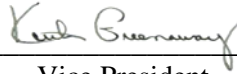
#### I. Chemical

ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Extractables / Leachables Deionized Water, 9 % Ethanol or 18 % Ethanol	Anions / Weak Organic Acids (as Oxalate)	Aspen SOP EL0001	Ion Chromatography
Extractables / Leachables Deionized Water or 9 % Ethanol	ICP-OES scan	Aspen SOP EL0002	ICP-OES
Extractables / Leachables Deionized Water, 9 % Ethanol, 18 % Ethanol or Hexane	GC-MS Profile	Aspen SOP EL0003	GC-MS
Solids / Liquids Extractables / Leachables	HS-GCMS Profile	Aspen SOP EL0004	HS-GC-MS
Ionic Cleanliness 75 %IPA / 25 %DI Water	Anions / Weak Organic Acids (as Oxalate)	Aspen SOP G9018	Ion Chromatography
Battery Electrolyte	Nitrate	Aspen SOP G9012	Ion Chromatography
Battery Electrolyte	Perchlorate	Aspen SOP G41120	Ion Chromatography
Battery Electrolyte	Trace Metals	Aspen SOP G9016	ICP-OES

ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
PTFE (Polytetrafluoroethylene) aqueous dispersion	Viscosity	Aspen SOP G43093	Brookfield LVT Viscometer
Adhesive	Viscosity	Aspen SOP G42763	Brookfield Cone & Plate Viscometer
Water and 0.9% Saline	Trace Metals	Aspen SOP G48346	ICP-MS

**Notes:**

1. \* = As Applicable
2. This scope is formatted as part of a single document including the Certificate of Accreditation No. AT-1615



Vice President

