



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

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

This is to certify that

Alpha Resources, LLC
3090 Johnson Road
Stevensville MI 49127

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

ISO/IEC 17025:2005

while demonstrating technical competence in the field of

TESTING

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

AT-1200
Certificate Number


ANAB Approval

Certificate Valid: 12/19/2016-01/04/2018
Version No. 004 Issued: 12/19/2016



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

Alpha Resources, LLC

3090 Johnson Road, Stevensville, MI 49127

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TESTING

Valid to: January 4, 2018

Certificate Number: AT-1200

I. Chemical Testing of Reference Materials

Items, Materials or Products Tested	Specific Tests or Properties Measured	Specification, Standard Method, or Technique Used	Key Equipment or Technology*
Steel, Iron, Nickel & Cobalt Alloys	Carbon	ASTM E 1019 ARI-033	Eltra CS-800, and/or CS-2000 Leco CS-444 Determinators
Steel, Iron, Nickel & Cobalt Alloys	Sulfur	ASTM E 1019 ARI-033	CS-800 and/or CS-2000 and CS-444 Determinators
Steel, Iron, Nickel & Cobalt Alloys	Oxygen	ASTM E 1019 ARI-034	Eltra ONH 2000 Leco TC-436 Determinator
Steel, Iron, Nickel & Cobalt Alloys	Nitrogen	ASTM E 1019 ARI-034	Eltra ONH 2000 TC-436 Determinator
Titanium	Oxygen	ASTM E 1409 ARI-034	Eltra ONH 2000 TC-436 Determinator
Titanium	Nitrogen	ASTM E 1409 ARI-034	Eltra ONH 2000 TC-436 Determinator
Titanium	Hydrogen	ASTM E 1447 ARI-036	Eltra ONH 2000 RH-404 H-Determinator
Refractory and Reactive Metals and Their Alloys	Carbon	ASTM E 1941 ARI-033	Eltra CS-800 Leco CS-444
Petroleum & Petroleum Products	Sulfur	ASTM D 4294 ARI-078	Rigaku XRF Analyzer



Items, Materials or Products Tested	Specific Tests or Properties Measured	Specification, Standard Method, or Technique Used	Key Equipment or Technology*
Benzoic Acid	Calorimetric Value	ASTM D 240 ARI-079	IKA Calorimeter, C-7000
Coal & Coke	Sulfur	ASTM D 4239 ARI-035	CS-500 Determinator
Inorganic/Organic Compounds	LOI	ASTM C25 ARI 192	Muffle Furnace/ Balance
Coal & Coke	Sulfur	ASTM D 1552 ARI-035	CS-2000 Determinator

Notes:

- * = as applicable.
- This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1200



 Vice President