



CERTIFICATE OF ACCREDITATION

ANSI National Accreditation Board

11617 Coldwater Road, Fort Wayne, IN 46845 USA

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 17025:2017

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-1200

Certificate Number


ANAB Approval

Certificate Valid Through: 01/04/2022
Version No. 008 Issued: 12/11/2019



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

Alpha Resources, LLC

3090 Johnson Road
Stevensville, MI 49127

Michelle Glass Phone: 269-465-5559

mglass@alpharesources.com www.alpharesources.com

TESTING

Valid to: **January 4, 2022**

Certificate Number: **AT-1200**

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Carbon	ASTM E 1019 ARI-033	Steel, Iron, Nickel and Cobalt Alloys	Elementrac CSi Leco CS-444 Determinator
Sulfur	ASTM E 1019 ARI-033	Steel, Iron, Nickel & Cobalt Alloys	Elementrac CSi CS-444 Determinator
Oxygen	ASTM E 1019 ARI-034	Steel, Iron, Nickel & Cobalt Alloys	Eltra ONH 2000 Leco TC-436 Determinator
Nitrogen	ASTM E 1019 ARI-034	Steel, Iron, Nickel & Cobalt Alloys	Eltra ONH 2000 TC-436 Determinator
Hydrogen	Modified ASTM E1019/E1447 ARI-036	Steel	Eltra ONH 2000 Eltra Elementrac ONHp RH-404 H-Determinator
Oxygen	ASTM E 1409 ARI-034	Titanium	Eltra ONH 2000 TC-436 Determinator
Nitrogen	ASTM E 1409 ARI-034	Titanium	Eltra ONH 2000 TC-436 Determinator
Hydrogen	ASTM E 1447 ARI-036	Titanium	Eltra ONH 2000 RH-404 H-Determinator
Carbon	ASTM E 1941 ARI-033	Refractory and Reactive Metals and Their Alloys	Elementrac CSi Leco CS-444
Sulfur	ASTM D 4294 ARI-078	Petroleum & Petroleum Products	Rigaku XRF Analyzer
Sulfur	ASTM D 4239 ARI-035	Coal & Coke	CS-580 Determinator

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Sulfur	ASTM D 1552 ARI-035	Petroleum & Petroleum Products	CS-580 Determinator

Thermal

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Calorimetric Value	ASTM D 240 ARI-079	Benzoic Acid Tablet	Parr 6200 Calorimeter
LOI (Loss on Ignition)/Ash	ASTM C25 ARI 192	Blended Solid	Muffle Furnace/ Balance

Note:

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



Vice President