



Value Beyond Measure

## **For Immediate Release**

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### **Certified Reference Materials Releases for Q4 2025**

*Stevensville, Michigan, January 12th, 2026* – Alpha Resources LLC, the largest manufacturer of aftermarket consumables and reference materials for the combustion analysis market, is pleased to announce the following new product offerings and updates in certified reference materials released in Q4 2025 from their ISO 17025 lab.

New Lots available in Q4 2025 for organic Reference Materials include:

- AR1756 | Lot 250730 | (5.08% Proximate+ in Coal CRM)
- AR4108 | Lot 250508 | Loss On Ignition CRM | (LOI = 29.98%)

New lots released of available inorganic Certified Reference Materials in Q4 2025 include:

#### ***AR307 | Tungsten Carbide Powder Certified Reference Material | Lot # 250216***

**Table 1. Certified Values for AR307, Lot # 250216.**

Property	Value	U <sub>95%</sub>
%Carbon	6.12	0.12

*Note: U<sub>95%</sub> indicates expanded uncertainty.*

**Table 2. Reference Values for AR307, Lot # 250216**

Property	Value
%Sulfur	< 0.0040



**AR546 | Steel Pin Reference Material | Lot # 240626**

Property	Value
%Hydrogen	(0.00006)

**AR651 | Titanium Pin Certified Reference Material | Lot # 240521**

Property	Value	U <sub>95%</sub>
%Oxygen	0.132	0.011
%Nitrogen	0.0059	0.0020
%Hydrogen	0.0022	0.0006

*Note: U<sub>95%</sub> indicates expanded uncertainty.*

**AR655 | Steel Pin Certified Reference Material | Lot # 250508**

Property	Value	U <sub>95%</sub>
%Oxygen	0.0053	0.0010
%Nitrogen	0.375	0.017

*Note: U<sub>95%</sub> indicates expanded uncertainty.*

**AR663 | Steel Pin Certified Reference Material | Lot # 241030**

Property	Value	U <sub>95%</sub>
%Oxygen	0.0046	0.0010
%Nitrogen	0.1500	0.0024

*Note: U<sub>95%</sub> indicates expanded uncertainty.*

**AR872 | Steel Ring Certified Reference Material | Lot # 240925**

Property	Value	U <sub>95%</sub>
%Carbon	0.1680	0.0044
%Sulfur	0.0256	0.0025

*Note: U<sub>95%</sub> indicates expanded uncertainty.*

**AR881 | Steel Pin Certified Reference Material | Lot # 250117**

Property	Value	U <sub>95%</sub>
%Carbon	0.0193	0.0021
%Sulfur	0.0057	0.0013

*Note: U<sub>95%</sub> indicates expanded uncertainty.*



**AR889 | Steel Pin Certified Reference Material | Lot # 250408**

Property	Value	U <sub>95%</sub>
%Carbon	0.951	0.027
%Sulfur	0.0018	0.0007

*Note: U<sub>95%</sub> indicates expanded uncertainty.*

**AR948 | Steel Chip Certified Reference Material | Lot # 241105**

Property	Value	U <sub>95%</sub>
%Carbon	0.490	0.013
%Sulfur	0.0761	0.0077
%Nitrogen	0.0099	0.0004

*Note: U<sub>95%</sub> indicates expanded uncertainty.*

**AR1653 | Steel Pin Certified Reference Material | Lot # 250217**

Property	Value	U <sub>95%</sub>
%Oxygen	0.0008	0.0003
%Nitrogen	0.0040	0.0006

*Note: U<sub>95%</sub> indicates expanded uncertainty.*

**AR4033 | Limestone Blend Certified Reference Material | Lot # 250718**

Property	Value	U <sub>95%</sub>
%Carbon	2.89	0.43
%Sulfur	0.067	0.017

*Note: U<sub>95%</sub> indicates expanded uncertainty.*

A complete list of Alpha Resources certified reference materials maybe found online at: <https://www.alpharesources.com/current-list-of-standards.php>

About Alpha Resources

Founded in 1978, Alpha Resources, LLC is a global leader in the manufacture and distribution of consumables and certified reference materials for use in elemental analysis (including: combustion, inert gas fusion, atomic spectroscopy, ICP, XRF, and others). Alpha Resources is ISO17034, ISO17025, ISO9001:2015 certified.