



Value Beyond Measure

**For Immediate Release**

Contact: Alexandria Trusov

[Atrusov@alpharesources.com](mailto:Atrusov@alpharesources.com)

**Certified Reference Materials Releases for Q2 2025**

*Stevensville, Michigan, July 10th, 2025* – Alpha Resources LLC, the largest manufacturer of aftermarket consumables and reference materials, is pleased to announce the following new product offerings and updates in certified reference materials which have been released in Q2 of 2025 from their ISO 17025 lab.

New Lots available in Q2 2025 for organic Reference Materials include:

- AR2019 | Lot 240909 | (Wheat Flour CRM) (C = 46.97% N = 2.99% S = 0.21%)
- AR2020 | Lot 240910 | (Rye Flour CRM) (C = 46.51% N = 1.78% S = 0.14%)
- AR2025 | Lot 240912 | (Corn Meal CRM) (C = 46.76% N = 1.37% S = 0.11%)
- AR2027 | Lot 240916 | (Barley Flour CRM) (C = 45.69% N = 1.36% S = 0.12%)
- AR4105 | Lot 250313 | (5.02±0.13% Loss on Ignition CRM)

In Q2 2025, Alpha released a series of brand new, organic Certified Reference Materials in their coal/cokes line:

- AR1738 | Lot 250129 | (0.092 ± 0.005% S in Coal CRM) - replacing AR1684.
- AR1742 | Lot 250203 | (0.521±0.021% S in Coal CRM) - replacing AR1701.
- AR 1745 | Lot 250204 | (2.99±0.14% S in Coal CRM) - replacing AR1707, AR1708 and AR1709.



New lots released of available inorganic Certified Reference Materials in Q2 2025 include:

**AR556 | Steel Pin CRM | Lot # 250415**

*Table 1.*

Element	Value	(+/-)
%Hydrogen	0.00061	0.00014

*Note: (+/-) indicates expanded uncertainty.*

**AR868 | Steel Ring CRM | Lot # 240529**

Element	Value	(+/-)
%Carbon	0.108	0.006
%Sulfur	0.0016	0.0007

*Note: (+/-) indicates expanded uncertainty.*

**AR870 | Steel Ring CRM | Lot # 250116**

Element	Value	(+/-)
%Carbon	0.0156	0.0024
%Sulfur	0.0224	0.0014

*Note: (+/-) indicates expanded uncertainty.*

**AR883 | Steel Pin CRM | Lot # 241017**

Element	Value	(+/-)
%Carbon	0.2135	0.0042
%Sulfur	0.0189	0.0015

*Note: (+/-) indicates expanded uncertainty.*



**AR896 | Steel Pin CRM | Lot # 240530**

Element	Value	(+/-)
%Carbon	0.1522	0.0061
%Sulfur	0.104	0.012

*Note: (+/-) indicates expanded uncertainty.*

**AR4054 | Synthetic Soil CRM | Lot # 250107**

Element	Value	(+/-)
%Carbon	5.00	0.29
%Sulfur	5.26	0.55

*Note: (+/-) 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 atomic spectroscopy analysis. Alpha Resources is ISO17034, ISO17025, ISO9001:2015 certified.