



Value Beyond Measure

For Immediate Release

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Certified Reference Materials Releases for Q3 2025

Stevensville, Michigan, October 14th, 2025 – 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 which have been released in Q3 of 2025 from their ISO 17025 lab.

New Lots available in Q3 2025 for organic Reference Materials include:

- AR1757 | Lot 250506 | 6% Proximate+ in Coal CRM
- AR1947 | Lot 250327 | Switchgrass Fuel Bio-Mass CRM
- Benzoic Acid | Lot 2509 | Impacted Product numbers are listed below:
 - AR208
 - AR208C
 - AR208V
 - AR1790
 - AR1790V
 - AR3403

AR211 | Glycine Reference Material | Lot # 250721

Element	Value	(+/-)
%Carbon	31.78	0.22
%Hydrogen	6.66	0.05
%Nitrogen	18.53	0.13
%Oxygen	42.33	0.30



New lots released of available inorganic Certified Reference Materials in Q3 2025 include:

AR146 | Copper Pin (1.0g) CRM | Lot # 240906

Element	Value	U _{95%}
%Oxygen	0.02466	0.00055

Note: U_{95%} indicates expanded uncertainty.

AR211 | Glycine Reference Material | Lot # 250721

Element	Value	(+/-)
%Carbon	31.78	0.22
%Hydrogen	6.66	0.05
%Nitrogen	18.53	0.13
%Oxygen	42.33	0.30

AR590 | Zirconium Pin (0.25g) CRM | Lot # 250219

Element	Value	U _{95%}
%Carbon	0.0046	0.0010
%Hydrogen	0.0023	0.0003

Note: U_{95%} indicates expanded uncertainty.

AR664 | Steel Pin (0.5g) CRM | Lot # 240627

Element	Value	U _{95%}
%Oxygen	0.0055	0.0007
%Nitrogen	0.0065	0.0006

Note: U_{95%} indicates expanded uncertainty.



AR945 | Steel Chip CRM | Lot # 250118

Element	Value	U _{95%}
%Carbon	0.0489	0.0033
%Sulfur	0.00194	0.00050
% Nitrogen	0.2943	0.0086

Note: U_{95%} indicates expanded uncertainty.

AR1034 | Calcium Carbonate Reference Material | Lot # 250723

Element	Value	(+/-)
%Carbon	11.99	0.03

AR1034-100 | Calcium Carbonate Reference Material | Lot # 250723

Element	Value	(+/-)
%Carbon	11.99	0.03

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.