



Value Beyond Measure

For Immediate Release

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Certified Reference Materials Releases for Q4 2021

Stevensville, Michigan, January 19, 2022 – Alpha Resources LLC, the largest manufacturer of aftermarket consumables and reference materials, is pleased to announce the following certified reference materials have been released in Q4 of 2021.

New Inorganic Certified Reference Materials include:

AR 871 LOW CARBON STEEL RING CRM

% CARBON	% SULFUR
MEAN = 0.036	MEAN = 0.015
Standard Deviation = ± 0.001	Standard Deviation = ± 0.001
Expanded Uncertainty = ± 0.003	Expanded Uncertainty = ± 0.003
(k=2, @ 95% confidence) (n=43)	(k=2, @ 95% confidence) (n=44)

AR 4005 CARBON AND SULFUR IN ORE CRM

% CARBON	% SULFUR
MEAN = 1.43	MEAN = 1.45
Standard Deviation = ± 0.05	Standard Deviation = ± 0.06
Expanded Uncertainty = ± 0.10	Expanded Uncertainty = ± 0.13
(k=2, @ 95% confidence) (n=43)	(k=2, @ 95% confidence) (n=43)

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 creation of certified reference materials for use in atomic spectroscopy analysis, and is ISO17034, ISO17025, ISO9001:2015 certified.