



Value Beyond Measure

For Immediate Release:

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Alpha Resources Stretches the Boundaries

Releases First Ferrochrome CRM for Carbon and Sulfur

Stevensville, Michigan, April 28, 2020 – Alpha Resources LLC, the leading aftermarket supplier of consumables and reference materials, has produced their first Ferrochrome Certified Reference Material, AR 308.

Specifications for the new high-carbon Ferrochrome CRM are:

**AR 308
FERROCHROME CRM
LOT # 619B**

% CARBON*
MEAN = 9.17*

Standard Deviation = ± 0.14
Expanded Uncertainty = ± 0.33
(k=2, @ 95% confidence. n=47)

% SULFUR
MEAN = 0.018

Standard Deviation = ± 0.002
Expanded Uncertainty = ± 0.005
(k=2, @ 95% confidence. n=45)

* Value exceeds scope limit of the ASTM test method used.

“Alpha Resources has not previously offered any Ferrochrome materials as a CRM; being our first, this is a notably high carbon which is not typically presented in other CRMs,” notes Kent Dyer, Chief Chemist at Alpha Resources. “Especially for steel making processes, it is critical to determine the carbon in their ferro materials with this range. If the metallurgist is concerned about the carbon, using AR 308, they will be able to adjust with confidence, so that the final chemistry is correct when the heat is ready to be poured.”

Additional information about AR 308 and all Alpha CRMs may be found on the website, <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 aftermarket consumables and certified reference materials for use in atomic spectroscopy analysis. Alpha Resources is ISO17034, ISO17025, ISO9001:2015 certified.



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