

**For Immediate Release:**

Contact: Alexandria Trusov  
[atrusov@alpharesources.com](mailto:atrusov@alpharesources.com)

**Alpha Resources Expands Offerings**  
*Releases First Inconel CRM*

Stevensville, Michigan, October 6, 2020 – Alpha Resources LLC, the leading aftermarket supplier of consumables and reference materials, has produced their first Inconel Certified Reference Material, AR 943.

Specifications for the new high-carbon Inconel CRM are:

**AR 943 | 718 INCONEL POWDER CRM | Lot #719G**

% CARBON	% SULFUR	% NITROGEN	% OXYGEN
MEAN = 0.032	MEAN = 0.0016	MEAN = 0.0125	MEAN = 0.0189
Standard Deviation = ± 0.001	Standard Deviation = ± 0.0002	Standard Deviation = ± 0.0007	Standard Deviation = ± 0.0012
Expanded Uncertainty = ± 0.003	Expanded Uncertainty = ± 0.0004	Expanded Uncertainty = ± 0.0016	Expanded Uncertainty = ± 0.0026
(k=2, @ 95% confidence) (n=54)	(k=2, @ 95% confidence) (n=54)	(k=2, @ 95% confidence) (n=35)	(k=2, @ 95% confidence) (n=41)

Inconel alloys, based on nickel and chromium, are considered “super alloys” due to their exceptional high-temperature resistance and corrosion resistance. Typically, Inconel alloys are trusted for their mechanical strength in aerospace applications, valued for their corrosion resistance in oil and gas extraction as well as pollution control and waste processing applications; and used by the automotive and marine industries.





*Value Beyond Measure*

“Alpha Resources is focused on creating an inclusive line of reference materials that help our customers meet all their elemental microanalysis needs. Our in-house laboratory team is committed to finding the best reference materials and building a robust certification process that can be trusted within our customers’ quality processes,” states Ken Mantei, Director of Operations. “The new Inconel powder CRM will be a useful resource to customers in key manufacturing industries such as aerospace, automotive, oil and gas extraction. Alpha Resources is proud to be able to supply this vital industry sector with CRMs.”

Additional information about AR943 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.