



## Product Information Sheet

Part Number	AR3085									
Lot #	223F									
Description	Zinc Sulfide									
<table><tr><td>% Sulfur (by Purity)</td><td>% Sulfur (by Analysis)*</td></tr><tr><td>32.9 %</td><td>32.9 %</td></tr><tr><td>Expanded Uncertainty = ± 0.003</td><td>Expanded Uncertainty = ± 1.2</td></tr><tr><td>Purity = 99.99%</td><td>(k=2, @ 95% confidence) (n=39)</td></tr></table>			% Sulfur (by Purity)	% Sulfur (by Analysis)*	32.9 %	32.9 %	Expanded Uncertainty = ± 0.003	Expanded Uncertainty = ± 1.2	Purity = 99.99%	(k=2, @ 95% confidence) (n=39)
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Expanded Uncertainty = ± 0.003	Expanded Uncertainty = ± 1.2									
Purity = 99.99%	(k=2, @ 95% confidence) (n=39)									

*\*Reported values are outside ISO 17025 and ISO 17034 scopes of accreditation of Alpha Resources, LLC.*

AR3085 is a zinc sulfide reference material. The intended use of this reference material is for the verification of sulfur determination using induction furnace combustion analysis with infrared detection or other valid test methods.

Please refer to the analytical test method used to determine an appropriate minimum sample size.

This bottle contains 50 g of Zinc Sulfide as a fine powder. Keep tightly sealed and store in a cool dry location.

It is recommended that all reference materials be verified as fit for purpose prior to use. Remedies for any claimed defect in this product will be limited to product replacement or refund of the purchase price. In no event shall Alpha Resources, LLC be liable for incidental or consequential damages

**Issue Date: 10/29/2024**

Original Issue Date: 6/26/2023