Alpha Resources, LLC
Certificate Of Analysis

AR2209
Sulfamethazine Reference Material

LOT # BCBP1062V

% Carbon	=	51.8
% Hydrogen	=	5.1
% Nitrogen	=	20.1
% Oxygen	=	11.5
% Sulfur	=	11.5

Test	Limits	Lot Results
Redox Titration	≥99.0 %	99.3 %

Notes:

This Organic Analytical Standard (OAS) contains 5g of high purity sulfamethazine powder for use as a routine working micro analytical standard for the determination of Carbon, Hydrogen, Nitrogen, Oxygen and Sulfur.   Refer to your instrument manufacturer's recommendations and/or test method for uncertainty capabilities and minimum sample size.

Store tightly sealed under normal laboratory conditions. While unable to determine a definite shelf life this reference should be reviewed 4 years from the date of certification. Once opened this product has a 2-year shelf life.
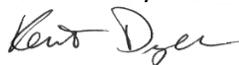
This is a reference material (RM) and is verified by its purity and empirical stoichiometry in accordance with recommendations of the Analytical Chemistry Section of the International Union of Pure and Applied Chemistry. The values for Carbon, Hydrogen, Nitrogen, Oxygen and Sulfur. represent the stoichiometric values of high purity sulfamethazine.

For good laboratory practice it is recommended that all standards 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 be liable for incidental or consequential damages.

This material has been processed under a Quality Management System that holds an ISO 17034 accreditation (Non-Scope). The material used in production of this standard was identified in accordance with ARI 032. The bottling of this reference material was performed in accordance with ARI-216 and ARI-312.

THIS RM IS VALID FOR TWO YEARS FROM THE DATE OF OPENING.

Certified March 27, 2019

Chief Chemist