



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-296397
Lot Number: SAMPLE
Product Name: Sodium Erythorbate Monohydrate
CAS Number: 63524-04-9
Molecular Formula: $C_6H_7NaO_6 \cdot H_2O$
Molecular Weight: 216.12

Test	Specification	Result
Appearance (Color)	White to off-white	White
Appearance (Form)	Crystalline powder or granular powder	Powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Titration)	96.5 - 103.5% (by HCl)	98.8% (by HCl)
Purity (TLC)	$\geq 97\%$	$> 99\%$
Solubility	Clear, colorless at 2.5% in water	Complies
Optical Rotation	92.0 - 102.0° (c = 1%, water)	97.2° (c = 1%, water)

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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