



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-235464  
Lot Number: SAMPLE  
Product Name: L-Ascorbic acid 2-sulfate dipotassium salt  
CAS Number: 52174-99-9  
Molecular Formula:  $C_6H_6K_2O_9S$   
Molecular Weight: 332.37

Test	Specification	Result
Appearance	White to white with a yellow cast powder	White powder
Purity (TLC)	≥ 98%	100%
Solubility	Clear colorless solution at 50 mg/ml in water	Complies
Specific Rotation	+65 - +71° (c=1 in water)	+68° (c=1 in water)
Carbon Content	20.6 - 22.9% (anhydrous basis)	21.3% (anhydrous basis)
Potassium (ICP)	20.7 - 26.4% (anhydrous basis)	24.4% (anhydrous basis)
Water Content (KF)	≤ 12%	11%

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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