



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-235895  
Lot Number: SAMPLE  
Product Name: Mucic acid  
CAS Number: 526-99-8  
Molecular Formula:  $C_6H_{10}O_8$   
Molecular Weight: 210.14

Test	Result
Appearance	White to almost white crystalline powder
Odor	Odorless
Assay (Titration)	99.79%
Identification (Infrared Spectrum)	Complies
Melting Point	212 - 216 °C
Residue on Ignition	Nil
UV Absorption	Absorption (420 nm, 1cm) : 0.035nm in NaOH
Loss on Drying	0.82%
Readily Carbonizable Substances	No discoloration of the mixture
Antimony	By ICP: Nil
Chromium	By ICP: Nil
Iron	By ICP: Nil

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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