



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-211180  
Lot Number: SAMPLE  
Product Name: D-Mannose  
CAS Number: 3458-28-4  
Molecular Formula:  $C_6H_{12}O_6$   
Molecular Weight: 180.2

Test	Result
Appearance	White crystalline powder
Purity (HPLC/ELSD)	99.40%
Melting Point	128.2 – 133.4 °C
Solubility	Clear colorless solution
Specific Rotation	+14° - +15° (C= 10, water)
Heavy Metals	≤ 10 ppm
Loss on Drying	0.12%
E. Coli	Negative
Mold/Yeast	≤ 100 cfu/g
Salmonella	Negative
Staphylococcus	Negative
Total of Bacteria	≤ 1000 cfu/g

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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