



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-221458
Lot Number: SAMPLE
Product Name: D-(-)-Ribose
CAS Number: 50-69-1
Molecular Formula: $C_5H_{10}O_5$
Molecular Weight: 150.13

Test	Result
Appearance	White or slightly yellow crystals or crystalline powder
Purity (HPLC)	97-102% Dry Basis
Residue on Ignition	< 0.2%
Solubility	State of solution = > 95%
Optical Rotation	-18 to -22°
Heavy Metals	< 10 ppm
Loss on Drying	< 0.5%
Arsenic	< 2 ppm
Arsenic	As = < 0.1mg/kg
Lead	< 0.1mg/kg
E. Coli	Negative
Pseudomonas aeruginosa	Negative
Salmonella	Negative
Staphylococcus aureus	Negative
Total Plate Count	< 100cfu/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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