



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202564
Lot Number: SAMPLE
Product Name: D-Galactose
CAS Number: 59-23-4
Molecular Formula: $C_6H_{12}O_6$
Molecular Weight: 180.2

Test	Specification	Result
Appearance	White powder	Complies
Purity (HPLC)	$\geq 99\%$	99%
pH	5.0 - 7.0 at 1 M in water, 20 °C	5.3
Residue on Ignition (ash)	$\leq 0.1\%$	0.1%
Solubility	Colorless and clear solution at 1M in water, 20 °C	Complies
Insoluble Matter	$\leq 0.1\%$	0.0%
Aluminum	$\leq 0.0005\%$	$< 0.0005\%$
Ammonia	$\leq 0.05\%$	$< 0.00\%$
Calcium	$\leq 0.005\%$	$< 0.001\%$
Chloride	$\leq 0.05\%$	0.01%
Copper	$\leq 0.0005\%$	$< 0.0005\%$
Iron	$\leq 0.0005\%$	$< 0.0005\%$
Lead	$\leq 0.001\%$	$< 0.001\%$
Magnesium	$\leq 0.0005\%$	$< 0.0005\%$
Phosphorus	$\leq 0.005\%$	$< 0.005\%$
Potassium	$\leq 0.005\%$ (by AA)	$< 0.002\%$
Sodium	$\leq 0.005\%$	$< 0.005\%$
Sulfate	$\leq 0.05\%$	0.03%
Zinc	$\leq 0.0005\%$	$< 0.0005\%$

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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