



Certificate of Analysis

D-Ribose JP

Catalog Number: RB1003
Lot Number: Typical-030
CAS Number: 50-69-1
Molecular Formula: C₅H₁₀O₅
Molecular Weight: 150.13
Storage: 2°C – 8°C
Date of Manufacture: May 30, 2016
Retest Date: May 29, 2018

Test	Specification	Result
Appearance	White to off-white powder	Conforms
Assay	≥ 98.0%	99.10%
Identification	Positive	Conforms
Specific Rotation	-18.0° to -22.0°	Conforms
Melting Point	88°C – 92°C	Conforms
Moisture (LOD)	≤ 0.5%	0.20%
Residue on Ignition	≤ 0.20%	0.05%
Heavy Metals	≤ 10 ppm	< 10 ppm
Arsenic	≤ 1 ppm	< 1 ppm
Cadmium	≤ 1 ppm	< 1 ppm
Lead	≤ 2 ppm	< 2 ppm
Mercury	≤ 0.1 ppm	< 0.1 ppm
Solubility (0.1 g/mL)	Clear, colorless to light yellow	Conforms
Bulk Density	≥ 0.6 g/mL	0.61 g/mL
Mesh	30-100mesh	Conforms
Total Plate Count	≤ 100 cfu/g	< 100 cfu/g
Yeast & Mold	≤ 10 cfu/g	< 10 cfu/g
Coliforms	Negative	Negative
<i>E. coli</i>	Negative	Negative
<i>Salmonella</i>	Negative	Negative
<i>Staph. aureus</i>	Negative	Negative

This batch meets the AJI92 standard.

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager

Date: July 5, 2017



Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs
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