



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

Certificate of Analysis

Catalogue Number 024264
Lot Number 001914-20120303
Product **D(-)-Ribose**

α -D-ribofuranose

CAS Number 50-69-1
Molecular Formula $C_5H_{10}O_5$
Molecular Weight 150.1

Appearance	White to slightly yellow crystalline powder
Heavy Metals	< 5 ppm
Arsenic (As_2O_2)	< 0.5 ppm
Cation	Lead (Pb): < 0.05 mg/kg As: < 0.01 mg/kg
Yeast and Mold	< 100 cfu/g
Optical Rotation	$[\alpha]_D^{20} = -20.0^\circ$
Transmission	State of solution: 99.2%
Loss on Drying	0.07%
E. Coli, Salmonella, S.Aureus	Negative
Pseudomonas Aeruginosa	Negative
Staphylococcus Aureus	Negative
Residue On Ignition	0.05%
Purity by HPLC	99.0% (anhydrous basis)
Storage	Store at 2-8 °C.
Additional Information	Total plate count: < 100 cfu/g

Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and approved by:
Sujata Moton
S. Moton
VP