



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number 024264
Lot Number 002436-20210503
Product D(-)-Ribose

α -D-ribofuranose

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

Molecular Weight 150.1

Appearance White or off-white powder
Heavy Metals < 10 ppm
Cation Mercury (Hg) : < 0.1 ppm
Cadmium (Cd) : < 1 ppm
Arsenic (As₂O₃) : < 0.1 ppm
Lead (Pb) : < 3 ppm

Yeast and Mold < 100 cfu/g
Optical Rotation $[\alpha]_D^{20} = -20.2^\circ$
Transmission 99.1%
Loss on Drying 0.1%
Coliform Organisms < 10 cfu/g
E. Coli Not detected
Microbial Count < 100 cfu/g (APC)
Pathogenic Species Pathogenic bacteria : Not detected
(Salmonella & E.Coli)

Salmonella Not detected
Mesh Size Pass through 30 - 100 mesh
Related Substances Other saccharide (TLC) : Not detected
Impurities : < 1%

Residue On Ignition 0.05%
Purity by HPLC 99.3%
Storage Store at 0 - 8 °C

Prepared by:
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