INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	024117
Product	**D-(+)-Galactose**
Lot Number	002300-230306
	D-Galactopyranose
CAS Number	59-23-4
Molecular Formula	$C_6H_{12}O_6$
Molecular Weight	180.16

Appearance	White crystalline powder
Odor	Characteristic odor
Bulk density	0.46 g/mL
Density	0.68 g/mL (Tapped)
Heavy Metals	< 10 µg/g (Total)
Cation	Arsenic (As) : < 0.1 µg/g Lead (Pb) : < 0.1 µg/g Mercury (Hg) : < 0.01 µg/g Cadmium (Cd) : < 0.01µg/g
Mould and Yeast	< 10 cfu/g
Optical Rotation	$[a]_D^{20} = 78.7°$
Infrared Spectrum	Conforms to structure
Loss on Drying	0.04%
Residual Solvents	Passes test
Solvent	Water
Coliform Organisms	< 10 cfu/g (Total)
E. Coli, Salmonella, S.Aureus	Absent
Microbial Count	< 10 cfu/g (TPC)
Mesh Size	> 95% Through 30 mesh
Residue On Ignition	0.03%
Purity by HPLC	99.2%

Prepared by:
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