



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	024117
Product	D-(+)-Galactose
Lot Number	002300-201022
	D-Galactopyranose
CAS Number	59-23-4
Molecular Formula	C ₆ H ₁₂ O ₆
Molecular Weight	180.16

Appearance	White crystalline powder
Odor	Characteristic organoleptic
Bulk density	0.45 g/mL
Heavy Metals	< 10 mg/g (Total)
Cation	Arsenic (As) : < 0.1 mg/g Cadmium (Cd) : < 0.01 mg/g Mercury (Hg) : < 0.01 mg/g Lead (Pb) : < 0.1 mg/g
Mould and Yeast	< 10 cfu/g
Optical Rotation	[α] _D ²⁰ = 80.1 °
Infrared Spectrum	Conforms to structure
Loss on Drying	0.03%
Residual Solvents	Passes test
Solvent	Water
E. Coli, Salmonella, S.Aureus	Absent
Microbial Count	< 10 cfu/g (TPC)
Residue On Ignition	0.06%
Purity by HPLC	99.2%
Storage	Store at RT
Additional Information	Tapped density : 0.72 g/mL Pesticide residue : Passes test Aflatoxins : Not detected

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