



# INDOFINE Chemical Company, Inc.

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## *Certificate of Analysis*

Catalogue Number	024117
Lot Number	002300-150103
Product	<b>D(+)-Galactose</b>
CAS Number	59-23-4
Molecular Formula	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>
Molecular Weight	180.16

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Appearance	White crystalline powder
Heavy Metals	< 5 ppm (Total)
Arsenic (As <sub>2</sub> O <sub>2</sub> )	< 0.5 ppm
Cation	Iron (Fe): < 5 ppm
Yeast and Mold	< 100 cfu/g
Optical Rotation	[α] <sub>D</sub> <sup>20</sup> = +79.1°
Loss on Drying	0.35% (5g @ 60 °C)
E. Coli	Negative
Salmonella	Negative
Staphylococcus Aureus	Negative
Residue On Ignition	< 0.1%
Purity by HPLC	98.72%
Storage	Store at RT
Additional Information	Total plate count: < 1000 cfu/g Glucose: < 0.5% Fungi: < 100 cfu/g