



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalog Number	04-2413
Product Name	L-Rhamnose monohydrate 6-Deoxy-L-mannose
Lot Number	20110201
CAS Registry Number	6155-35-7
Molecular Formula	$C_6H_{12}O_5 \cdot H_2O$
Molecular Weight	182.17
Appearance	White crystalline powder
Mesh size	80 – 100
Melting point	90 – 93 °C
Solubility	Conforms
Appearance of solution	Clear and colorless (10% w/v aqueous solution)
Specific rotation	8.9°
Loss on drying	7.3%
Sulphated ashes	0.05%
Heavy metals	8.1 ppm
Lead	0.4 ppm
Arsenic	0.05 ppm
Related substances	Conforms
Melamine	Negative
Total plate count	≤ 1000 CFU/g
Yeast & Mould	≤ 100 CFU/g
E. Coli	Absent
Salmonella	Absent
Assay (HPLC)	98.65%
Storage	Store at RT