INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	024181
Lot Number	001779-121001
Product	**D(+)-Mannose**
	D-Mannopyranose
CAS Number	3458-28-4
Molecular Formula	$C_6H_{12}O_6$
Molecular Weight	180.16

Appearance	White crystalline powder
Melting Point	127.9-132.2 °C
Bulk density	0.36 g/cm3
Density	0.54 g/cm3 (Tapped)
Heavy Metals	< 10 ug/g
Trace Metal Analysis	Antimony (Sb): < 0.1 ug/g Lead (Pb): 0.1 ug/g Mercury (Hg): < 0.01 ug/g Cadmium (Cd): 0.1 ug/g
Arsenic (As_2O_2)	< 0.1 ug/g
Yeast and Mold	< 10 cfu/g
Optical Rotation	$[a]_D$ = +14.0°
Loss on Drying	0.22%
E. Coli, Salmonella, S.Aureus	Negative
Mesh Size	100% through 20 mesh
Purity by HPLC	99.67%
Storage	Store at RT
Additional Information	Total Plate Count: 10 cfu/g

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