

Certificate of Analysis

Date of Testing: 2022-06-07 17:58:25

Date of Next Testing: 2026-06-06 17:58:25

Product Name: **L-Iditol**

CAS Number: 488-45-9

Specifications & Purity: 98%

Lot #: F2204668

SKU #: **I121079**

Analysis: **090753**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	75-79 (°C)	76.80000 °C
Loss on drying	0-4 (%)	3.50 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-5--2 (°)	-2.40 °
Purity(HPLC)	98-100 (%)	100.00000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (I121079)	White to Almost white powder to crystal	White to Almost white powder to crystal
Solubility, Colorless and clear (5% in H ₂ O)	pass	Pass



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QA & QC Manager