

Certificate of Analysis

Date of Testing: 2022-06-14 20:57:25

Date of Next Testing: 2026-06-13 20:57:25

Product Name: **L-Iditol**

CAS Number: 488-45-9

Specifications & Purity: 98%

Lot #: F2209385

SKU #: **I121079**

Analysis: **092139**

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 (%)	2.00 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O)	-5--2 (°)	-2.40 °
Purity(HPLC)	98-100 (%)	100.00000 %
Appearance (I121079)	White to Almost white powder to crystal	White to Almost white powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless and clear (5% in H ₂ O)	pass	Pass



John Su
QA & QC Manager