

Certificate of Analysis

Date of Testing: 2022-03-30 09:41:42
Date of Next Testing: 2026-03-29 09:41:42
Product Name: **L-Iditol**
CAS Number: 488-45-9
Specifications & Purity: 98%
Lot #: E1426082
SKU #: **I121079**
Analysis: **085769**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	75-79 (°C)	76.70000 °C
Loss on drying	0-4 (%)	2.10 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	-5--2 (°)	-3.00 °
Purity(HPLC)	98-100 (%)	98.30000 %
Appearance (I121079)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless and clear(5% in H ₂ O)	pass	Pass



John Su
QA & QC Manager