

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-28 13:43:18
Date of Next Testing: 2028-11-27 13:43:18
Product Name: **D(-)-Salicin**
CAS Number: 138-52-3
Specifications & Purity: Moligand™, ≥99%
Lot #: K2425027
SKU #: **S104922**
Version: **0**
Analysis #: **082466**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.16 %
Purity(HPLC)	98-100 (%)	99.76600 %
Melting point	199-202 (°C)	201.99000 °C
Specific Rotation [α] ₂₀ /D(c=3 in H ₂ O)	-64--60 (°)	-63.99°
Appearance (S104922)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , clear colorless to faint yellow solution at 50mg/m	pass	Pass



John Su
QA & QC Manager