

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-12 16:51:28  
 Date of Next Testing: 2027-06-11 16:51:28  
 Product Name: **D(-)-Salicin**  
 CAS Number: 138-52-3  
 Specifications & Purity: 99%  
 Lot #: F2306525  
 SKU #: **S104922**  
**Analysis:** **177713**  
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.61 %
Purity(HPLC)	99-100 (%)	99.77400 %
Specific Rotation [α] <sub>20</sub> /D(c=3 in H <sub>2</sub> O)	-64--60 (°)	-61.06 °
Melting point	199-202 (°C)	201.79000 °C
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 <sub>2</sub> O , clear colorless to faint yellow solution at 50mg/m	pass	Pass



John Su  
QA & QC Manager