

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-11 16:33:24

Date of Next Testing: 2028-04-10 16:33:24

Product Name: **Salicylic acid**

CAS Number: 69-72-7

Specifications & Purity: AR, ≥99.5%

Lot #: D2402032

SKU #: **S104158**

Version: **0**

Analysis #: **053820**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Chloride Content	0-0.001 (%)	0.00099 %
Ignition Residue	0-0.01 (%)	0.00000 %
Purity(HPLC)	99-100 (%)	99.86500 %
Melting point	158-161 (°C)	160.91000 °C
Sulfate(SO42-)	0-0.003 (%)	0.00150 %
Heavy metal (as Pb)	0-5 (ppm)	0.00000 ppm
Purity(Titration by NaOH)(calc. to the dried substance)	99.5-100.5 (%)	100.10000 %
Iron(Fe)	0-2 (ppm)	1.90000 ppm
Appearance (S104158)	White Solid	White Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH(95vol%)	almost transparency	almost transparency
Substances Darkened (by H2SO4)	Pass	Pass



John Su
QA & QC Manager