

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-17 13:17:40  
Date of Next Testing: 2027-08-16 13:17:40  
Product Name: **5-Sulfosalicylic acid dihydrate**  
CAS Number: 5965-83-3  
Specifications & Purity: reagent grade, 98%  
Lot #: H2310007  
SKU #: **S112087**  
**Analysis:** **265897**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Insoluble matter in H <sub>2</sub> O	0-0.01 (%)	0.00 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Ignition Residue (as sulfate)	0-0.05 (%)	0.02 %
Assay	98-100 (%)	98.61 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.5 (%)	0.02 %
Salicylic acid(HOC <sub>6</sub> H <sub>4</sub> (OOH)	0-0.2 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Sensitivity to iron	pass	Pass
Appearance(S112087)	White to Off-White Powder, Crystals or Granules	White to Off-White Powder, Crystals or Granules
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager