

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-02-28 14:28:46  
Date of Next Testing: 2026-02-27 14:28:46  
Product Name: **5-Sulfosalicylic acid dihydrate**  
CAS Number: 5965-83-3  
Specifications & Purity: reagent grade,98%  
Lot #: B2223155  
SKU #: **S112087**  
**Analysis:** **078899**  
Storage Temperature: Desiccated

| Parameter                     | Limit Values                                    | Result  |
|-------------------------------|---|---|
| Insoluble matter in H2O       | 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 (%)                                      | 99.01 %   |
| Sulfate(SO42-)                | 0-0.5 (%)                                       | 0.01 %  |
| Salicylic acid(HOC6H4(OOH)    | 0-0.2 (%)                                       | 0.01 %  |
| 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