

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-24 13:01:41  
 Date of Next Testing: 2029-09-23 13:01:41  
 Product Name: **Acetylsalicylic acid (ASA)**  
 CAS Number: 50-78-2  
 Specifications & Purity: Moligand™, ≥99%  
 Lot #: I2517001  
 SKU #: **A104180**  
 Version: **0**  
 Analysis #: **368508**  
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                                      | Limit Values          | Result                |
|------------------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer                          | 0-0.5 (%)             | 0.10720 %             |
| Heavy metals                                   | 0-0.001 (%)           | 0.00035 %             |
| Purity(HPLC)                                   | 98-100 (%)            | 99.81100 %            |
| Melting point                                  | 132-136 (°C)          | 136.00000 °C          |
| Appearance (A104180Color)                      | White to almost white | White to almost white |
| Appearance (A104180Form)                       | Powder to crystal     | Powder to crystal     |
| Proton NMR spectrum                            | Conforms to Structure | Conforms to Structure |
| Solubility in EtOH , Colorless Clear, 50 mg/ml | pass                  | Pass                  |



John Su  
QA & QC Manager