

## Certificate of Analysis

Date of Testing: 2023-03-21 16:39:39  
Date of Next Testing: 2027-03-20 16:39:39  
Product Name: **Acetylsalicylic acid**  
CAS Number: 50-78-2  
Specifications & Purity: for plant cell culture,  $\geq 99.0\%$   
Lot #: C23151775  
SKU #: **A118582**  
Analysis: **160623**

| Parameter                                     | Limit Values            | Result                  |
|---|-------------------------|-------------------------|
| Purity  | 99-100 (%)              | 99.07%                  |
| Water by Karl Fischer                         | 0-0.5 (%)               | 0.04%                   |
| Melting point                                 | 132-136 (°C)            | 135.99000 °C            |
| Appearance (A118582)                          | white powder or crystal | White powder or crystal |
| Infrared spectrum                             | Conforms to Structure   | Conforms to Structure   |
| Plant cell culture test                       | pass                    | Pass                    |
| Solubility in EtOH , Colorless Clear,50 mg/ml | pass                    | Pass                    |



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