



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-202892A  
Lot Number: SAMPLE  
Product Name: 5-Sulfosalicylic acid dihydrate  
CAS Number: 5965-83-3  
Molecular Formula:  $C_7H_6O_6S \cdot 2H_2O$   
Molecular Weight: 254.2

| Test                | Specification                  | Result         |
|---------------------|--------------------------------|----------------|
| Appearance          | White crystalline powder       | Complies       |
| Assay               | $\geq 99.0\%$                  | 99.1%          |
| Residue on Ignition | $\leq 0.1\%$                   | $\leq 0.01\%$  |
| Heavy Metals        | $\leq 0.002\%$ (as Pb)         | Complies       |
| Impurity            | $\leq 0.04\%$ (salicylic acid) | 0.03%          |
| Insoluble Matter    | $\leq 0.02\%$                  | $\leq 0.013\%$ |
| Chloride            | $\leq 0.001\%$                 | Complies       |
| Iron                | $\leq 0.001\%$                 | Complies       |
| Sulfate             | $\leq 0.02\%$                  | Complies       |
| Water Content       | $\leq 16.0\%$                  | 14.0%          |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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