

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-27 13:12:43

Date of Next Testing: 2029-08-26 13:12:43

Product Name: **Benzoic acid**

CAS Number: 65-85-0

Specifications & Purity: AR, ≥99.5%

Lot #: H2521290

SKU #: **B116255**

Version: **1**

Analysis #: **563577**

Storage Temperature: Room temperature

| Parameter                                  | Limit Values          | Result                |
|--------------------------------------------|-----------------------|-----------------------|
| Sulfate(SO42-)                             | 0-0.003 (%)           | 0.00000 %             |
| Ignition Residue (as sulfate)              | 0-0.01 (%)            | 0.00000 %             |
| Melting point                              | 122-126 (°C)          | 122.90000 °C          |
| Chlorine Compounds(As Cl-)                 | 0-0.01 (%)            | 0.00490 %             |
| Iron(Fe)                                   | 0-0.0005 (%)          | 0.00010 %             |
| Heavy metal (as Pb)                        | 0-0.001 (%)           | 0.00035 %             |
| Assay                                      | 99.5-100 (%)          | 99.78000 %            |
| Potassium permanganate reducing substances | Pass                  | Pass                  |
| Proton NMR spectrum                        | Conforms to Structure | Conforms to Structure |
| Substances darkened by sulfuric acid       | Pass                  | Pass                  |



John Su  
QA & QC Manager