

## Certificate of Analysis

Date of Testing: 2025-08-27 10:26:20

Date of Next Testing: 2029-08-26 10:26:20

Product Name: **Benzoic acid**

CAS Number: 65-85-0

Specifications &amp; Purity: ACS, ≥99.5%

Lot #: H2521287

SKU #: **B116259**Version: **0**Analysis #: **542173**

| Parameter                        | Limit Values                             | Result                                   |
|----------------------------------|--|--|
| Heavy metal (as Pb)              | 0-5 (ppm)                                | 3.57 ppm                                 |
| Crystallization point            | 122-123 (°C)                             | 122.90 °C                                |
| SulfurCompounds                  | 0-0.002 (%)                              | 0.00 %                                   |
| Ignition Residue (as sulfate)    | 0-0.005 (%)                              | 0.00 %                                   |
| Purity (Titration by NaOH)       | 99.5-100.5 (%)                           | 99.78 %                                  |
| Insoluble matter(C=10%,MEthanol) | 0-0.005 (%)                              | 0.00 %                                   |
| Chlorinated Compounds            | 0-0.005 (%)                              | 0.01 %                                   |
| Appearance (B116259)             | White Powder, Crystals, Flakes, or chips | White Powder, Crystals, Flakes, or chips |
| Substances reducing MnO4         | Pass                                     | Pass                                     |
| Infrared spectrum                | Conforms to Structure                    | Conforms to Structure                    |

John Su  
QA & QC Manager