

Certificate of Analysis

Date of Testing: 2025-08-27 09:51:53

Date of Next Testing: 2029-08-26 09:51:53

Product Name: **Benzoic acid**

CAS Number: 65-85-0

Specifications & Purity: ACS, ≥99.5%

Lot #: H2521285

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