

Certificate of Analysis

Date of Testing: 2023-08-01 11:30:26

Date of Next Testing: 2027-07-31 11:30:26

Product Name: **Benzoic acid**

CAS Number: 65-85-0

Specifications & Purity: ACS,99.5%

Lot #: G2326149

SKU #: **B116259****Analysis: 225667**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	0.46 ppm
SulfurCompounds	0-0.002 (%)	0.00 %
Ignition Residue (as sulfate)	0-0.005 (%)	0.00 %
Purity (Titration by NaOH)	99.5-100.5 (%)	100.04 %
Insoluble matter(C=10%,MEthanol)	0-0.005 (%)	0.00 %
Chlorinated Compounds	0-0.005 (%)	0.01 %
Crystallization point	122-123 (°C)	122.85 °C
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