

Certificate of Analysis

Date of Testing: 2024-12-20 09:49:32

Date of Next Testing: 2028-12-19 09:49:32

Product Name: **Benzoic acid**

CAS Number: 65-85-0

Specifications & Purity: AR, ≥99.5%

Lot #: L2418768

SKU #: **B116255**

Version **1**

Analysis #: **453010**

Parameter	Limit Values	Result
Sulfate(SO42-)	0-0.003 (%)	0.00 %
Ignition Residue (as sulfate)	0-0.01 (%)	0.00 %
Melting point	122-126 (°C)	122.30000 °C
Chlorine Compounds(As Cl-)	0-0.01 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Assay	99.5-100 (%)	99.63 %
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