

Certificate of Analysis

Date of Testing: 2022-11-22 11:19:58
Date of Next Testing: 2026-11-21 11:19:58
Product Name: **Benzene**
CAS Number: 71-43-2
Specifications & Purity: Analytical Reagent, ≥99.5%
Lot #: K2208074
SKU #: **B116187**
Analysis: 156292
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Thiophene(C ₄ H ₄ S)	0-0.0002 (%)	0.00000 %
Sulfate(SO ₄ ²⁻)	0-0.0015 (%)	0.00000 %
Water by Karl Fischer	0-0.03 (%)	0.00720 %
Evaporation Residue	0-0.001 (%)	0.00000 %
Crystallization point	≥5.2 (°C)	6.80000 °C
Acidity(as H ⁺)	0-0.1 (μmol/g)	0.00000 μmol/g
alkalinity(as OH ⁻)	0-0.1 (μmol/g)	0.00000 μmol/g
Color test (APHA)	0-10	10.00000
Assay	99.5-100 (%)	99.89400 %
Appearance (B116187)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Readily carbonizable substance	Pass	Pass



John Su
QA & QC Manager