

Certificate of Analysis

Date of Testing: 2022-05-21 16:08:59
Date of Next Testing: 2026-05-20 16:08:59
Product Name: **Benzene**
CAS Number: 71-43-2
Specifications & Purity: Analytical Reagent, ≥99.5%
Lot #: E2219175
SKU #: **B116187**
Analysis: **089675**
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Thiophene(C ₄ H ₄ S)	0-0.0002 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.0015 (%)	0.00 %
Evaporation Residue	0-0.001 (%)	0.00 %
Crystallization point	≥5.2 (°C)	6.80 °C
Acidity(as H ⁺)	0-0.1 (μmol/g)	0.00 μmol/g
alkalinity(as OH ⁻)	0-0.1 (μmol/g)	0.00 μmol/g
Color test (APHA)	0-10 (APHA)	0.00 APHA
Assay	99.5-100 (%)	99.96 %
Water by Karl Fischer	0-0.03 (%)	0.03 %
Appearance (B116187)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Readily carbonizable substance	pass	Pass



John Su
QA & QC Manager