

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-03 11:24:17
 Date of Next Testing: 2027-02-02 11:24:17
 Product Name: **Benzene**
 CAS Number: 71-43-2
 Specifications & Purity: Analytical Reagent, ≥99.5%
 Lot #: B116187-100ml ; A2330605
 SKU #: **B116187**
Analysis: **181852**
 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 (%)	0.00400 %
Evaporation Residue	0-0.001 (%)	0.00000 %
Crystallization point	≥5.2 (°C)	7.00000 °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 (%)	99.78600 %
Appearance (B116187)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Readily carbonizable substance	Pass	Pass



John Su
QA & QC Manager