

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-27 23:07:24  
 Date of Next Testing: 2026-08-26 23:07:24  
 Product Name: **Benzene**  
 CAS Number: 71-43-2  
 Specifications & Purity: Analytical Reagent, ≥99.5%  
 Lot #: H2217120  
 SKU #: **B116187**  
**Analysis:** **127441**  
 Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Thiophene(C <sub>4</sub> H <sub>4</sub> S)	0-0.0002 (%)	0.00000 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.0015 (%)	0.00000 %
Water by Karl Fischer	0-0.03 (%)	0.01130 %
Evaporation Residue	0-0.001 (%)	0.00000 %
Crystallization point	≥5.2 (°C)	5.80000 °C
Acidity(as H <sup>+</sup> )	0-0.1 (μmol/g)	0.00000 μmol/g
alkalinity(as OH <sup>-</sup> )	0-0.1 (μmol/g)	0.00000 μmol/g
Color test (APHA)	0-10	0.00000
Assay	99.5-100 (%)	99.91200 %
Appearance (B116187)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Readily carbonizable substance	Pass	Pass



John Su  
QA & QC Manager