

## Certificate of Analysis

Date of Testing: 2023-07-11 11:25:01  
 Date of Next Testing: 2025-06-30 11:25:01  
 Product Name: **Benzene**  
 CAS Number: 71-43-2  
 Specifications & Purity: for spectroscopy, ≥99.7%  
 Lot #: J2112387  
 SKU #: **B116186**  
**Analysis:** **249840**  
 Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
UV Absorbance 280nm	0-1	0.50
Water by Karl Fischer	0-0.05 (%)	0.01 %
Purity(GC)	99.7-100 (%)	99.89 %
Evaporation Residue	0-0.001 (mg/L)	0.00 mg/L
UV Absorbance 350nm	0-0.02	0.00
UV Absorbance 380nm	0-0.01	0.01
UV Absorbance 300nm	0-0.1	0.03
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 330nm	0-0.04	0.01
Sulfate(SO4 <sup>2-</sup> )	0-0.005 (%)	0.00 %
UV Absorbance 290nm	0-0.3	0.08
Color Test	0-10	3.63
Appearance (B116186)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Substances Darkened (by H2SO4)	Pass	Pass
Thiophene	Pass	Pass
λ, H2O reference	Pass	Pass



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager