

Certificate of Analysis

Date of Testing: 2022-12-02 10:33:31
 Date of Next Testing: 2024-11-21 10:33:31
 Product Name: **Benzene**
 CAS Number: 71-43-2
 Specifications & Purity: for spectroscopy, ≥99.7%
 Lot #: K2229182
 SKU #: **B116186**
Analysis: **162209**
 Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
UV Absorbance 280nm	0-1	0.47
Water by Karl Fischer	0-0.05 (%)	0.02 %
Purity(GC)	99.7-100 (%)	99.97 %
Evaporation Residue	0-0.001 (mg/L)	0.00 mg/L
UV Absorbance 350nm	0-0.02	0.02
UV Absorbance 380nm	0-0.01	0.00
UV Absorbance 300nm	0-0.1	0.04
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 330nm	0-0.04	0.01
Sulfate(SO4 ²⁻)	0-0.005 (%)	0.00 %
UV Absorbance 290nm	0-0.3	0.15
Color Test	0-10	8.30
Appearance (B116186)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Substances Darkened (by H ₂ SO ₄)	Pass	Pass
Thiophene	Pass	Pass
λ, H ₂ O reference	Pass	Pass



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

John Su
QA & QC Manager