

## Certificate of Analysis

Date of Testing: 2023-07-19 16:02:12  
Date of Next Testing: 2025-07-08 16:02:12  
Product Name: **Benzene**  
CAS Number: 71-43-2  
Specifications & Purity: for HPLC,  $\geq 99.7\%$   
Lot #: G2315294  
SKU #: **B116189**  
**Analysis:** **247010**  
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
UV Absorbance 280nm	0-1	0.50
UV Absorbance 350nm	0-0.01	0.00
UV Absorbance 400nm	0-0.01	0.00
Water by Karl Fischer	0-0.02 (%)	0.01 %
Evaporation Residue	0-0.001 (%)	0.00 %
Density (20°C)	0.877-0.881	0.88
Purity(GC)	99.7-100 (%)	99.83 %
UV Absorbance 290nm	0-0.15	0.07
UV Absorbance 330nm	0-0.02	0.01
Refractive index n <sub>20</sub> /D	1.499-1.502	1.50
UV Absorbance 300nm	0-0.06	0.02
Appearance (B116189)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager