

## Certificate of Analysis

Date of Testing: 2023-02-10 15:24:52  
Date of Next Testing: 2027-02-09 15:24:52  
Product Name: **Benzene**  
CAS Number: 71-43-2  
Specifications & Purity: ACS, ≥99.0%  
Lot #: B2304790  
SKU #: **B116193**  
**Analysis:** **172023**  
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Color Test	0-10	0.00
Water by Karl Fischer	0-0.05 (%)	0.01 %
Purity(GC)	99-100 (%)	99.99 %
Evaporation Residue	< 0.001 (%)	0.00 %
Sulfur Compounds(as S)	0-0.005 (%)	0.00 %
Substances darkened by sulfuric acid	Pass	Pass
Thiophene(limit about 1ppm)	Passes test	Passes test
Appearance(B116193)	Colorless Liquid	Colorless Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager