

Certificate of Analysis

Date of Testing: 2023-03-16 11:17:17

Date of Next Testing: 2025-03-05 11:17:17

Product Name: **Benzene**

CAS Number: 71-43-2

Specifications & Purity: for HPLC, ≥99.7%

Lot #: F2124150

SKU #: **B116189**

Analysis: **200119**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
UV Absorbance 280nm	0-1	0.61
UV Absorbance 350nm	0-0.01	0.01
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 (%)	99.85 %
UV Absorbance 290nm	0-0.15	0.13
UV Absorbance 330nm	0-0.02	0.01
Refractive index n ₂₀ /D	1.499-1.502	1.50
UV Absorbance 300nm	0-0.06	0.06
Appearance (B116189)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager