

Certificate of Analysis

Date of Testing: 2024-08-12 11:11:36
Date of Next Testing: 2028-08-11 11:11:36
Product Name: **Dioxane**
CAS Number: 123-91-1
Specifications & Purity: for HPLC, $\geq 99.5\%$
Lot #: H2408483
SKU #: **D116159**
Version: **3**
Analysis #: **394849**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.99%
UV Absorbance 250nm	0-0.25	0.03
Residue on Evaporation	0-0.0005 (%)	0.00%
Water by Karl Fischer	0-0.025 (%)	0.00%
UV Absorbance 215nm	≤ 1	0.25
UV Absorbance 225nm	≤ 0.6	0.13
UV Absorbance 295nm	≤ 0.01	0.00
UV Absorbance 400nm	≤ 0.01	0.00
Refractive index n ₂₀ /D	1.42-1.424	1.42
Appearance (D116159)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager