

Certificate of Analysis

Date of Testing: 2022-12-02 11:52:25
Date of Next Testing: 2026-12-01 11:52:25
Product Name: **Dioxane**
CAS Number: 123-91-1
Specifications & Purity: for HPLC, $\geq 99.5\%$
Lot #: L2201005
SKU #: **D116159**
Analysis: **150099**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.90%
UV Absorbance 250nm	0-0.25	0.12
Water by Karl Fischer	0-0.025 (%)	0.01%
UV Absorbance 295nm	≤ 0.01	0.00
UV Absorbance 400nm	≤ 0.01	0.00
Residue on Evaporation	0-0.0002 (%)	0.00%
Refractive index n ₂₀ /D	1.42-1.424	1.42
UV Absorbance 215nm	≤ 1	0.57
UV Absorbance 225nm	≤ 0.6	0.28
Appearance (D116159)	Colorless Liquid	Colorless liquid



John Su
QA & QC Manager