

Certificate of Analysis

Date of Testing: 2025-04-12 16:25:13

Date of Next Testing: 2029-04-11 16:25:13

Product Name: **Dioxane**

CAS Number: 123-91-1

Specifications & Purity: UltraPureChrom™, for HPLC, ≥99.5%

Lot #: D2501278

SKU #: **D116159**

Version: **3**

Analysis #: **473096**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.98 %
Absorbance (at 250 nm)	0-0.25	0.15
Residue on Evaporation	0-0.0005 (%)	0.00 %
Water by Karl Fischer	0-0.025 (%)	0.01 %
UV Absorbance 215nm	≤1	0.40
UV Absorbance 225nm	≤0.6	0.31
UV Absorbance 295nm	≤0.01	0.01
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