

Certificate of Analysis

Date of Testing: 2025-02-12 10:14:07

Date of Next Testing: 2029-02-11 10:14:07

Product Name: **Dioxane**

CAS Number: 123-91-1

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

Lot #: B2508102

SKU #: **D116159**

Version: **3**

Analysis #: **426679**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.98 %
UV Absorbance 250nm	0-0.25	0.12
Residue on Evaporation	0-0.0005 (%)	0.00 %
Water by Karl Fischer	0-0.025 (%)	0.01 %
UV Absorbance 225nm	≤0.6	0.27
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
UV Absorbance 215nm	≤1	0.38
Appearance (D116159)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager