

## Certificate of Analysis

Date of Testing: 2024-11-05 17:49:00  
Date of Next Testing: 2028-11-04 17:49:00  
Product Name: **Dioxane**  
CAS Number: 123-91-1  
Specifications & Purity: UltraPureChrom™, for HPLC, ≥99.5%  
Lot #: J2431309  
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 <sub>20</sub> /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