

Certificate of Analysis

Date of Testing: 2023-04-06 01:39:11

Date of Next Testing: 2027-04-05 01:39:11

Product Name: **Dioxane**

CAS Number: 123-91-1

Specifications & Purity: for HPLC, $\geq 99.5\%$

Lot #: D2301176

SKU #: **D116159**

Analysis: **203309**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.99%
UV Absorbance 250nm	0-0.25	0.13
Residue on Evaporation	0-0.0002 (%)	0.00%
Water by Karl Fischer	0-0.025 (%)	0.01%
UV Absorbance 215nm	≤ 1	0.26
UV Absorbance 225nm	≤ 0.6	0.20
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



John Su
QA & QC Manager