

## Certificate of Analysis

Date of Testing: 2022-02-09 15:06:21  
Date of Next Testing: 2026-02-08 15:06:21  
Product Name: **Dioxane**  
CAS Number: 123-91-1  
Specifications & Purity: for HPLC,  $\geq 99.5\%$   
Lot #: A2213016  
SKU #: **D116159**  
**Analysis:** **071888**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
UV Absorbance 230nm	0-0.22	0.22
Purity(GC)	99.5-100 (%)	99.93 %
UV Absorbance 240nm	0-0.125	0.08
UV Absorbance 218nm	0-1	0.40
UV Absorbance 250nm	0-0.075	0.04
Residue on Evaporation	0-0.0002 (%)	0.00 %
Refractive index n <sub>20</sub> /D	1.42-1.424	1.42
UV Absorbance 260nm	0-0.05	0.02
UV Absorbance 220nm	0-0.4	0.39
UV Absorbance 270nm	0-0.03	0.01
Water by Karl Fischer	0-0.025 (%)	0.01 %
Appearance (D116159)	Colorless Liquid	Colorless liquid



John Su  
QA & QC Manager