

## Certificate of Analysis

Date of Testing: 2022-07-27 14:21:31  
Date of Next Testing: 2026-07-26 14:21:31  
Product Name: **Dioxane**  
CAS Number: 123-91-1  
Specifications & Purity: for HPLC,  $\geq 99.5\%$   
Lot #: G2222382  
SKU #: **D116159**  
**Analysis:** **118973**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.95 %
UV Absorbance 250nm	0-0.25	0.14
Residue on Evaporation	0-0.0002 (%)	0.00 %
Refractive index n <sub>20</sub> /D	1.42-1.424	1.42
Water by Karl Fischer	0-0.025 (%)	0.01 %
UV Absorbance 215nm	$\leq 1$	0.72
UV Absorbance 225nm	$\leq 0.6$	0.60
UV Absorbance 295nm	$\leq 0.01$	0.01
UV Absorbance 400nm	$\leq 0.01$	0.00
Appearance (D116159)	Colorless Liquid	Colorless liquid



John Su  
QA & QC Manager