

## Certificate of Analysis

Date of Testing: 2022-11-07 14:03:55  
Date of Next Testing: 2026-11-06 14:03:55  
Product Name: **Dioxane**  
CAS Number: 123-91-1  
Specifications & Purity: for HPLC,  $\geq 99.5\%$   
Lot #: K2204404  
SKU #: **D116159**  
**Analysis:** **146607**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.96 %
UV Absorbance 250nm	0-0.25	0.14
Residue on Evaporation	0-0.0002 (%)	0.00 %
Water by Karl Fischer	0-0.025 (%)	0.01 %
UV Absorbance 215nm	$\leq 1$	0.36
UV Absorbance 225nm	$\leq 0.6$	0.24
UV Absorbance 295nm	$\leq 0.01$	0.01
UV Absorbance 400nm	$\leq 0.01$	0.00
Refractive index n <sub>20</sub> /D	1.42-1.424	1.42
Appearance (D116159)	Colorless Liquid	Colorless liquid



John Su  
QA & QC Manager