

## Certificate of Analysis

Date of Testing: 2024-03-27 14:53:46  
Date of Next Testing: 2028-03-26 14:53:46  
Product Name: **Dioxane**  
CAS Number: 123-91-1  
Specifications & Purity: for HPLC,  $\geq 99.5\%$   
Lot #: C2415049  
SKU #: **D116159**  
**Analysis:** **324213**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
UV Absorbance 250nm	0-0.25	0.16
Residue on Evaporation	0-0.0002 (%)	0.00 %
Water by Karl Fischer	0-0.025 (%)	0.02 %
UV Absorbance 295nm	$\leq 0.01$	0.00
UV Absorbance 400nm	$\leq 0.01$	0.00
Purity(GC)	99.5-100 (%)	99.94 %
Refractive index n <sub>20</sub> /D	1.42-1.424	1.42
UV Absorbance 215nm	$\leq 1$	0.83
UV Absorbance 225nm	$\leq 0.6$	0.46
Appearance (D116159)	Colorless Liquid	Colorless liquid



John Su  
QA & QC Manager