

## Certificate of Analysis

Date of Testing: 2023-04-06 20:22:50  
Date of Next Testing: 2025-04-05 20:22:50  
Product Name: **Dioxane**  
CAS Number: 123-91-1  
Specifications & Purity: spectrographic grade,  $\geq 99.5\%$   
Lot #: D2301181  
SKU #: **D116163**  
**Analysis:** **207929**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
UV Absorbance 225nm	0-0.5	0.20
UV Absorbance 290nm	0-0.03	0.02
Evaporation Residue	0-0.0005 (mg/L)	0.00 mg/L
Water by Karl Fischer	0-0.05 (%)	0.01 %
UV Absorbance 270nm	0-0.05	0.04
UV Absorbance 250nm	0-0.2	0.13
Refractive index n <sub>20</sub> /D	1.42-1.424	1.42
Acidity	0-0.0005	0.00
UV Absorbance 310nm	0-0.003	0.00
Purity(GC)	99.8-100 (%)	99.99 %
UV Absorbance 260nm	0-0.12	0.11
UV Absorbance 240nm	0-0.3	0.15
$\lambda$ , H <sub>2</sub> O reference	Pass	Pass



John Su  
QA & QC Manager