

## Certificate of Analysis

Date of Testing: 2023-09-20 15:16:23  
Date of Next Testing: 2027-09-19 15:16:23  
Product Name: **1,4-Dioxane**  
CAS Number: 123-91-1  
Specifications & Purity: anhydrous, ≥99.5%  
Lot #: I2311486  
SKU #: **D116160**  
**Analysis:** **260596**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Color Test	0-5	2.00
Peroxides	0-0.005 (%)	0.00 %
Refractive index n <sub>20</sub> /D	1.42-1.424	1.42
Purity(GC)	99.5-100 (%)	99.84 %
Acidity (CH <sub>3</sub> COOH)	0-0.01 (%)	0.01 %
Water by Karl Fischer	0-0.005 (%)	0.00 %
Appearance (D116160)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Stabilizer (2.5 ppm BHT)	Conforms	Conforms



John Su  
QA & QC Manager