

Certificate of Analysis

Date of Testing: 2023-07-31 15:37:53

Date of Next Testing: 2027-07-30 15:37:53

Product Name: **1,4-Dioxane**

CAS Number: 123-91-1

Specifications & Purity: ACS, $\geq 99.0\%$

Lot #: G2315529

SKU #: **D116158**

Analysis: **245711**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Titration Acid	0-0.0016 (mg/g)	0.00 mg/g
Evaporation Residue	0-0.005 (%)	0.00 %
Water by Karl Fischer	0-0.05 (%)	0.02 %
Refractive index n ₂₀ /D	1.42-1.424	1.42
Purity(GC)	99-100 (%)	99.56 %
Crystallization point	10-13 (°C)	12.00 °C
Peroxide(as H ₂ O ₂)	0-0.005 (%)	0.00 %
Carbonyl(as Formaldehyde)	0-0.01 (%)	0.00 %
Appearance (D116158)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager