

Certificate of Analysis

Date of Testing: 2023-02-22 13:19:12
Date of Next Testing: 2025-02-11 13:19:12
Product Name: **1,4-Dioxane**
CAS Number: 123-91-1
Specifications & Purity: Analytical Reagent, 99%, contains 20-30ppm BHT as stabilizer
Lot #: B2315302
SKU #: **D116157**
Analysis: **181933**

Parameter	Limit Values	Result
Density (20°C)	1.033-1.037	1.03
Water by Karl Fischer	0-0.1 (%)	0.01 %
Iron(Fe)	0-0.0001 (%)	0.00 %
Refractive index n ₂₀ /D	1.42-1.424	1.42
Titration Acid	0-0.2 (mg/g)	0.00 mg/g
Purity(GC)	99-100 (%)	99.79 %
Crystallization point	10-12 (°C)	11.20 °C
Evaporation Residue	0-0.005 (%)	0.00 %
Color Test	0-20	10.00
Peroxide(as H ₂ O ₂)	0-0.005 (%)	0.00 %
Appearance (D116157)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager