

Certificate of Analysis

Date of Testing: 2025-05-17 16:27:36

Date of Next Testing: 2027-05-07 16:27:36

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

CAS Number: 123-91-1

Specifications & Purity: AR, ≥99%, contains 20-30ppm BHT as stabilizer

Lot #: E2509055

SKU #: **D116157**

Version: **1**

Analysis #: **403820**

Parameter	Limit Values	Result
Density (20°C)	1.033-1.037	1.03
Water by Karl Fischer	0-0.1 (%)	0.02 %
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
Peroxide(as H ₂ O ₂)	0-0.005 (%)	0.00 %
Purity(GC)	99-100 (%)	99.83 %
Crystallization point	10-12 (°C)	11.00 °C
Evaporation Residue	0-0.005 (%)	0.00 %
Color Test	0-20	0.00
Appearance (D116157)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager