

Certificate of Analysis

Date of Testing: 2025-01-21 14:05:59

Date of Next Testing: 2029-01-20 14:05:59

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

CAS Number: 123-91-1

Specifications & Purity: anhydrous, ≥99.5%

Lot #: A2514272

SKU #: **D116160**

Version: **1**

Analysis #: **457936**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Color Test	0-5	1.54
Peroxides	0-0.005 (%)	0.00 %
Refractive index n _{20/D}	1.42-1.424	1.42
Water by Karl Fischer	0-0.005 (%)	0.00 %
Purity(GC)	99.5-100 (%)	99.98 %
Acidity (CH ₃ COOH)	0-0.01 (%)	0.01 %
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