

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-22 18:27:20

Date of Next Testing: 2027-09-12 18:27:20

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

CAS Number: 123-91-1

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

Lot #: I2512188

SKU #: **D116157**

Version: **1**

Analysis #: **566690**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Density (20°C)	1.033-1.037	1.03480
Water by Karl Fischer	0-0.1 (%)	0.02150 %
Iron(Fe)	0-0.0001 (%)	0.00000 %
Refractive index n ₂₀ /D	1.42-1.424	1.42280
Titration Acid	0-0.2 (mg/g)	0.00000 mg/g
Peroxide(as H ₂ O ₂)	0-0.005 (%)	0.00000 %
Purity(GC)	99-100 (%)	99.83300 %
Crystallization point	10-12 (°C)	11.50000 °C
Evaporation Residue	0-0.005 (%)	0.00147 %
Color Test	0-20	0.00000
Appearance (D116157)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager