

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-11 17:31:15

Date of Next Testing: 2029-08-10 17:31:15

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

CAS Number: 123-91-1

Specifications & Purity: ACS, ≥99%

Lot #: H2508422

SKU #: **D116158**

Version: **0**

Analysis #: **556128**

Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Titration Acid	0-0.0016 (mg/g)	0.00000 mg/g
Evaporation Residue	0-0.005 (%)	0.00000 %
Water by Karl Fischer	0-0.05 (%)	0.02190 %
Refractive index n ₂₀ /D	1.42-1.424	1.42240
Purity(GC)	99-100 (%)	99.94500 %
Crystallization point	10-13 (°C)	11.50000 °C
Peroxide(as H ₂ O ₂)	0-0.005 (%)	0.00000 %
Carbonyl(as Formaldehyde)	0-0.01 (%)	0.00000 %
Appearance (D116158)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager