

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-07-12 10:36:15
Date of Next Testing:	2026-07-02 10:36:15
Product Name:	<b>1,4-Dioxane</b>
CAS Number:	123-91-1
Specifications & Purity:	Analytical Reagent, 99%, contains 20-30ppm BHT as stabilizer
Lot #:	G2409019
SKU #	<b>D116157</b>
Version	<b>0</b>
Analysis #:	<b>379585</b>

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 <sub>20</sub> /D	1.42-1.424	1.42
Titration Acid	0-0.2 (mg/g)	0.00 mg/g
Peroxide(as H <sub>2</sub> O <sub>2</sub> )	0-0.005 (%)	0.00 %
Purity(GC)	99-100 (%)	99.92 %
Crystallization point	10-12 (°C)	10.30 °C
Evaporation Residue	0-0.005 (%)	0.00 %
Color Test	0-20	3.00
Appearance (D116157)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager