

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-01 10:48:02
 Date of Next Testing: 2029-08-31 10:48:02
 Product Name: **1,4-Dioxane**
 CAS Number: 123-91-1
 Specifications & Purity: anhydrous, ≥99.5%
 Lot #: H2529309
 SKU #: **D116160**
 Version: **1**
 Analysis #: **566289**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Color Test	0-5	5.00000
Peroxides	0-0.005 (%)	0.00125 %
Refractive index n _{20/D}	1.42-1.424	1.42248
Water by Karl Fischer	0-0.005 (%)	0.00400 %
Purity(GC)	99.5-100 (%)	99.99000 %
Acidity (CH ₃ COOH)	0-0.01 (%)	0.00120 %
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