

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-14 12:06:42
 Date of Next Testing: 2029-08-13 12:06:42
 Product Name: **Dioxane**
 CAS Number: 123-91-1
 Specifications & Purity: UltraPureChrom™, for HPLC, ≥99.5%
 Lot #: H2513543
 SKU #: **D116159**
 Version: **3**
 Analysis #: **551982**
 Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.98000 %
Absorbance (at 250 nm)	0-0.25	0.12000
Residue on Evaporation	0-0.0005 (%)	0.00004 %
Water by Karl Fischer	0-0.025 (%)	0.00900 %
UV Absorbance 225nm	≤0.6	0.27000
UV Absorbance 295nm	≤0.01	0.00400
UV Absorbance 400nm	≤0.01	0.00000
UV Absorbance 215nm	≤1	0.38000
Refractive index n ₂₀ /D	1.42-1.424	1.42160
Appearance (D116159)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager