

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-12 11:33:08

Date of Next Testing: 2028-11-11 11:33:08

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

CAS Number: 123-91-1

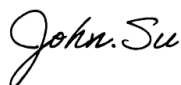
Specifications & Purity: ACS, ≥99%

Lot #: K2401072

SKU #: **D116158**Version: **0**Analysis #: **364319**

Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Titration Acid | 0-0.0016 (mg/g) | 0.00 mg/g |
| Evaporation Residue | 0-0.005 (%) | 0.00 % |
| Water by Karl Fischer | 0-0.05 (%) | 0.01 % |
| Refractive index n ₂₀ /D | 1.42-1.424 | 1.42 |
| Purity(GC) | 99-100 (%) | 99.59 % |
| Crystallization point | 10-13 (°C) | 11.00 °C |
| Peroxide(as H ₂ O ₂) | 0-0.005 (%) | 0.00 % |
| Carbonyl(as Formaldehyde) | 0-0.01 (%) | 0.00 % |
| Appearance (D116158) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |

John Su
QA & QC Manager