

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-01 10:52:30

Date of Next Testing: 2029-08-31 10:52:30

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

CAS Number: 123-91-1

Specifications & Purity: anhydrous, ≥99.5%

Lot #: H2529312

SKU #: **D116160**

Version: **1**

Analysis #: **566291**

Storage Temperature: Room temperature, Desiccated

| Parameter                          | Limit Values          | Result                |
|------------------------------------|-----------------------|-----------------------|
| Color Test                         | 0-5                   | 5.00000               |
| Peroxides                          | 0-0.005 (%)           | 0.00120 %             |
| Refractive index n <sub>20/D</sub> | 1.42-1.424            | 1.42247               |
| Water by Karl Fischer              | 0-0.005 (%)           | 0.00370 %             |
| Purity(GC)                         | 99.5-100 (%)          | 99.99000 %            |
| Acidity (CH <sub>3</sub> COOH)     | 0-0.01 (%)            | 0.00241 %             |
| 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