



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-13 14:45:55

Date of Next Testing: 2029-09-12 14:45:55

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

CAS Number: 123-91-1

Specifications & Purity: anhydrous, ≥99.5%

Lot #: 12510413

SKU #: **D116160**

Version: **1**

Analysis #: **566979**

Storage Temperature: Desiccated

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Color Test                          | 0-5                   | 2.50                  |
| Peroxides                           | 0-0.005 (%)           | 0.00 %                |
| Refractive index n <sub>20</sub> /D | 1.42-1.424            | 1.42                  |
| Water by Karl Fischer               | 0-0.005 (%)           | 0.00 %                |
| Purity(GC)                          | 99.5-100 (%)          | 99.98 %               |
| Acidity (CH <sub>3</sub> COOH)      | 0-0.01 (%)            | 0.00 %                |
| 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