

## Certificate of Analysis

Date of Testing: 2025-01-17 14:06:00

Date of Next Testing: 2029-01-16 14:06:00

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

CAS Number: 123-91-1

Specifications & Purity: anhydrous, ≥99.5%

Lot #: A2508200

SKU #: **D116160**

Version: **1**

Analysis #: **464841**

Storage Temperature: Desiccated

| Parameter                          | Limit Values          | Result                |
|------------------------------------|-----------------------|-----------------------|
| Color Test                         | 0-5                   | 3.00                  |
| Peroxides                          | 0-0.005 (%)           | 0.00 %                |
| Refractive index n <sub>20/D</sub> | 1.42-1.424            | 1.42                  |
| Water by Karl Fischer              | 0-0.005 (%)           | 0.00 %                |
| Purity(GC)                         | 99.5-100 (%)          | 99.90 %               |
| Acidity (CH <sub>3</sub> COOH)     | 0-0.01 (%)            | 0.01 %                |
| Appearance (D116160)               | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                  | Conforms to Structure | Conforms to Structure |
| Stabilizer (2.5 ppm BHT)           | Conforms              | Conforms              |



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