

## Certificate of Analysis

Date of Testing: 2022-12-12 15:20:27

Date of Next Testing: 2026-12-11 15:20:27

Product Name: **Dioxane**

CAS Number: 123-91-1

Specifications & Purity: for HPLC,  $\geq 99.5\%$

Lot #: L2209489

SKU #: **D116159**

**Analysis:** **159889**

Storage Temperature: Desiccated

| Parameter                           | Limit Values     | Result           |
|-------------------------------------|------------------|------------------|
| Purity(GC)                          | 99.5-100 (%)     | 99.96 %          |
| UV Absorbance 250nm                 | 0-0.25           | 0.14             |
| Residue on Evaporation              | 0-0.0002 (%)     | 0.00 %           |
| Water by Karl Fischer               | 0-0.025 (%)      | 0.01 %           |
| UV Absorbance 215nm                 | $\leq 1$         | 0.36             |
| UV Absorbance 225nm                 | $\leq 0.6$       | 0.24             |
| UV Absorbance 295nm                 | $\leq 0.01$      | 0.01             |
| UV Absorbance 400nm                 | $\leq 0.01$      | 0.00             |
| Refractive index n <sub>20</sub> /D | 1.42-1.424       | 1.42             |
| Appearance (D116159)                | Colorless Liquid | Colorless liquid |



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