

## Certificate of Analysis

Date of Testing: 2025-06-28 15:08:20

Date of Next Testing: 2029-06-27 15:08:20

Product Name: **Dioxane**

CAS Number: 123-91-1

Specifications & Purity: UltraPureChrom™, for HPLC, ≥99.5%

Lot #: F2524263

SKU #: **D116159**

Version: **3**

Analysis #: **473096**

Storage Temperature: Desiccated

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Purity(GC)                          | 99.5-100 (%)          | 99.98 %               |
| Absorbance (at 250 nm)              | 0-0.25                | 0.15                  |
| Residue on Evaporation              | 0-0.0005 (%)          | 0.00 %                |
| Water by Karl Fischer               | 0-0.025 (%)           | 0.01 %                |
| UV Absorbance 215nm                 | ≤1                    | 0.40                  |
| UV Absorbance 225nm                 | ≤0.6                  | 0.31                  |
| UV Absorbance 295nm                 | ≤0.01                 | 0.01                  |
| UV Absorbance 400nm                 | ≤0.01                 | 0.00                  |
| Refractive index n <sub>20</sub> /D | 1.42-1.424            | 1.42                  |
| Appearance (D116159)                | Colorless Liquid      | Colorless liquid      |
| Proton NMR spectrum                 | Conforms to Structure | Conforms to Structure |



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