

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-07-28 09:54:46

Date of Next Testing: 2030-07-27 09:54:46

Product Name: **Dioxane**

CAS Number: 123-91-1

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

Lot #: G2624197

SKU #: **D116159**

Version: **3**

Analysis #: **732650**

Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Purity(GC)                          | 99.5-100 (%)          | 99.99000 %            |
| Absorbance (at 250 nm)              | 0-0.25                | 0.05500               |
| Residue on Evaporation              | 0-0.0005 (%)          | 0.00007 %             |
| Water by Karl Fischer               | 0-0.025 (%)           | 0.01400 %             |
| UV Absorbance 215nm                 | ≤1                    | 0.38900               |
| UV Absorbance 225nm                 | ≤0.6                  | 0.21300               |
| UV Absorbance 295nm                 | ≤0.01                 | 0.00400               |
| UV Absorbance 400nm                 | ≤0.01                 | 0.00060               |
| Refractive index n <sub>20</sub> /D | 1.42-1.424            | 1.42100               |
| Appearance (D116159)                | Colorless Liquid      | Colorless liquid      |
| Proton NMR spectrum                 | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager