

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-04 10:16:44  
 Date of Next Testing: 2030-01-03 10:16:44  
 Product Name: **Dioxane**  
 CAS Number: 123-91-1  
 Specifications & Purity: UltraPureChrom™, for HPLC, ≥99.5%  
 Lot #: L2524277  
 SKU #: **D116159**  
 Version: **3**  
 Analysis #: **627656**  
 Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Purity(GC)                          | 99.5-100 (%)          | 99.99000 %            |
| Absorbance (at 250 nm)              | 0-0.25                | 0.10000               |
| Residue on Evaporation              | 0-0.0005 (%)          | 0.00008 %             |
| Water by Karl Fischer               | 0-0.025 (%)           | 0.02100 %             |
| UV Absorbance 215nm                 | ≤1                    | 0.45000               |
| UV Absorbance 225nm                 | ≤0.6                  | 0.27000               |
| UV Absorbance 295nm                 | ≤0.01                 | 0.00700               |
| UV Absorbance 400nm                 | ≤0.01                 | 0.00050               |
| Refractive index n <sub>20</sub> /D | 1.42-1.424            | 1.42200               |
| Appearance (D116159)                | Colorless Liquid      | Colorless liquid      |
| Proton NMR spectrum                 | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager