

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-10 16:35:28

Date of Next Testing: 2027-09-30 16:35:28

Product Name: **Benzene**

CAS Number: 71-43-2

Specifications & Purity: UltraPureChrom™, for HPLC, ≥99.7%

Lot #: I2526122

SKU #: **B116189**

Version: **1**

Analysis #: **581153**

Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| UV Absorbance 280nm                 | 0-1                   | 0.49600               |
| UV Absorbance 350nm                 | 0-0.01                | 0.00000               |
| UV Absorbance 400nm                 | 0-0.01                | 0.00000               |
| Water by Karl Fischer               | 0-0.02 (%)            | 0.00940 %             |
| Evaporation Residue                 | 0-0.001 (%)           | 0.00000 %             |
| Purity(GC)                          | 99.7-100 (%)          | 99.98300 %            |
| Absorbance (at 290 nm)              | 0-0.15                | 0.07000               |
| UV Absorbance 330nm                 | 0-0.02                | 0.00800               |
| Refractive index n <sub>20</sub> /D | 1.499-1.502           | 1.50100               |
| UV Absorbance 300nm                 | 0-0.06                | 0.02500               |
| Appearance (B116189)                | Colorless liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager