

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-05 16:02:55  
Date of Next Testing: 2029-09-04 16:02:55  
Product Name: **Cyclohexane**  
CAS Number: 110-82-7  
Specifications & Purity: HPLC grade,  $\geq 99.9\%$   
Lot #: I2503320  
SKU #: **C100585**  
Version: **1**  
Analysis #: **562645**  
Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Fluorescence (quinine) at 365 nm    | 0-1 (ppb)             | 0.00 ppb              |
| Refractive index n <sub>20</sub> /D | 1.425-1.427           | 1.43                  |
| UV Absorbance 300nm                 | 0-0.005               | 0.00                  |
| UV Absorbance 225nm                 | 0-0.17                | 0.11                  |
| Evaporation Residue                 | 0-0.0001 (%)          | 0.00 %                |
| UV Absorbance 200nm                 | 0-1                   | 0.64                  |
| UV Absorbance 400nm                 | 0-0.005               | 0.00                  |
| Purity(GC)                          | 99.9-100 (%)          | 99.96 %               |
| Water by Karl Fischer               | 0-0.01 (%)            | 0.00 %                |
| Absorbance (at 250 nm)              | 0-0.02                | 0.01                  |
| Appearance (C100585)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager