

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-30 12:00:34  
Date of Next Testing: 2028-01-29 12:00:34  
Product Name: **Cyclohexane**  
CAS Number: 110-82-7  
Specifications & Purity: Analytical Reagent,99.5%  
Lot #: A2419211  
SKU #: **C100584**  
**Analysis:** **313295**  
Storage Temperature: Room temperature,Argon charged,Desiccated

| Parameter  | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| Water by Karl Fischer                                    | 0-0.015 (%)           | 0.01 %                |
| Crystallization point                                    | $\geq 6$ (°C)         | 6.80 °C               |
| Cyclohexene(C <sub>6</sub> H <sub>10</sub> )             | 0-0.05 (%)            | 0.02 %                |
| Density (20°C)   | 0.778-0.779 (g/ml)    | 0.78 g/ml             |
| Benzene(C <sub>6</sub> H <sub>6</sub> )                  | 0-0.03 (%)            | 0.02 %                |
| Purity(GC)   | 99.5-100 (%)          | 99.92 %               |
| Evaporation Residue                                      | 0-0.002 (%)           | 0.00 %                |
| Appearance (C100584)                                     | Colorless liquid      | Colorless liquid      |
| Infrared spectrum  | Conforms to Structure | Conforms to Structure |
| Substances Darkened (by H <sub>2</sub> SO <sub>4</sub> ) | Pass                  | Pass                  |



John Su  
QA & QC Manager