

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-06 15:19:59
Date of Next Testing: 2027-12-05 15:19:59
Product Name: **Cyclohexane**
CAS Number: 110-82-7
Specifications & Purity: Analytical Reagent,99.5%
Lot #: K2328137
SKU #: **C100584**
Analysis: **297419**
Storage Temperature: Room temperature,Argon charged,Desiccated

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Water by Karl Fischer | 0-0.015 (%) | 0.00 % |
| Crystallization point | ≥6 (°C) | 6.08 °C |
| Cyclohexene(C ₆ H ₁₀) | 0-0.05 (%) | 0.00 % |
| Density (20°C) | 0.778-0.779 (g/ml) | 0.78 g/ml |
| Benzene(C ₆ H ₆) | 0-0.03 (%) | 0.01 % |
| Purity(GC) | 99.5-100 (%) | 99.90 % |
| Evaporation Residue | 0-0.002 (%) | 0.00 % |
| Appearance (C100584) | Colorless liquid | Colorless liquid |
| Substances Darkened (by H ₂ SO ₄) | Pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager