

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-22 15:34:15
Date of Next Testing: 2027-11-21 15:34:15
Product Name: **Cyclohexane**
CAS Number: 110-82-7
Specifications & Purity: for HPLC, $\geq 99.9\%$
Lot #: K2320172
SKU #: **C100585**
Analysis: **292863**
Storage Temperature: Room temperature, Argon charged

| Parameter | Limit Values | Result |
|-------------------------------------|-----------------------|-----------------------|
| Fluorescence (quinine) at 365 nm | 0-1 (ppb) | 0.21 ppb |
| Density (20°C) | 0.777-0.781 | 0.78 |
| Refractive index n ₂₀ /D | 1.425-1.427 | 1.43 |
| UV Absorbance 300nm | 0-0.005 | 0.00 |
| UV Absorbance 225nm | 0-0.17 | 0.08 |
| Evaporation Residue | 0-0.0001 (%) | 0.00 % |
| UV Absorbance 200nm | 0-1 | 0.15 |
| UV Absorbance 400nm | 0-0.005 | 0.00 |
| Purity(GC) | 99.9-100 (%) | 99.92 % |
| UV Absorbance 250nm | 0-0.02 | 0.00 |
| Water by Karl Fischer | 0-0.01 (%) | 0.01 % |
| Appearance (C100585) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager