

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-08 17:28:41  
 Date of Next Testing: 2025-02-25 17:28:41  
 Product Name: **Decahydronaphthalene**  
 CAS Number: 91-17-8  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: E2126235  
 SKU #: **D110689**  
 Version: **1**  
 Analysis #: **195902**  
 Storage Temperature: Protected from light, Room temperature, Argon charged

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Acidity (CH <sub>3</sub> COOH)      | 0-0.014 (%)           | 0.00000 %             |
| Refractive index n <sub>20</sub> /D | 1.473-1.478           | 1.47400               |
| Purity (sum of isomers)(GC)         | 99-100 (%)            | 99.14700 %            |
| Density (20°C)                      | 0.881-0.89            | 0.88800               |
| Water by Karl Fischer               | 0-0.1 (%)             | 0.03050 %             |
| Appearance (D110689)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |
| GC-MS for identification            | Conforms              | Conforms              |



John Su  
QA & QC Manager