

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-12 12:23:39  
 Date of Next Testing: 2029-12-11 12:23:39  
 Product Name: **Dodecane**  
 CAS Number: 112-40-3  
 Specifications & Purity:  $\geq 99\%$ (GC)  
 Lot #: L2508310  
 SKU #: **D100106**  
 Version: **0**  
 Analysis #: **610266**  
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D | 1.42-1.423            | 1.42190               |
| Purity(GC)                          | 99-100 (%)            | 99.79800 %            |
| Density (20°C)                      | 0.748-0.752           | 0.74800               |
| Appearance (D100106)                | Colorless Liquid      | Colorless liquid      |
| Proton NMR spectrum                 | Conforms to Structure | Conforms to Structure |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager