

## Certificate of Analysis

Date of Testing: 2025-05-19 10:00:31  
Date of Next Testing: 2029-05-18 10:00:31  
Product Name: **Dodecane**  
CAS Number: 112-40-3  
Specifications & Purity:  $\geq 99\%$ (GC)  
Lot #: D2528082  
SKU #: **D100106**  
Version: **0**  
Analysis #: **501106**  
Storage Temperature: Argon charged, Desiccated

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D | 1.42-1.423            | 1.42                  |
| Purity(GC)                          | 99-100 (%)            | 99.69 %               |
| Density (20°C)                      | 0.748-0.752           | 0.75                  |
| Appearance (D100106)                | Colorless Liquid      | Colorless liquid      |
| Proton NMR spectrum                 | Conforms to Structure | Conforms to Structure |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



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