

## Certificate of Analysis

Date of Testing: 2024-02-23 15:43:13  
Date of Next Testing: 2028-02-22 15:43:13  
Product Name: **Dodecane**  
CAS Number: 112-40-3  
Specifications & Purity: >99.0%(GC)  
Lot #: B2401248  
SKU #: **D100106**  
**Analysis:** **317476**  
Storage Temperature: Argon charged,Desiccated

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D | 1.42-1.423            | 1.42                  |
| Density (20°C)                      | 0.748-0.752           | 0.75                  |
| Purity(GC)                          | 99-100 (%)            | 99.55 %               |
| 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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