

## Certificate of Analysis

Date of Testing: 2025-09-11 09:16:39  
Date of Next Testing: 2029-09-10 09:16:39  
Product Name: **Dodecane**  
CAS Number: 112-40-3  
Specifications & Purity:  $\geq 99\%$ (GC)  
Lot #: I2504530  
SKU #: **D100106**  
Version: **0**  
Analysis #: **564900**  
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 (%)	99.68 %
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



John Su  
QA & QC Manager