



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** N-Dodecane\_  
**Catalog Number:** 195158\_  
**Lot:** Q4239\_

**Formula:** C<sub>12</sub>H<sub>26</sub>  
**CAS #:** 112-40-3  
**Physical Description:** Clear, Colorless Liquid

**Formula Weight:** 170.34  
**Storage:** Room Temperature, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.7%
FTIR	Conforms to Standard	Conforms to Standard

Branched dodecanes: 0.09%  
Carbon #'s <C-12: 0.15%  
Carbon #'s >C-12: 0.04%  
Freezing point: -10°C  
Boiling point: 216°C  
Refractive index: 1.4216 nD @ 20°C  
Specific gravity: 0.7487 @ 20°C  
Recommended Retest Date: 07/31/2025

05/26/2016 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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