



Technical Data Sheet

Dodecane

Compound Information

Product Name:	Dodecane
CAS No.:	112-40-3
Molecular Formula:	C ₁₂ H ₂₆
Molecular Weight:	170.33
Revision Date:	2026-04-15

Analytical Information

Tests	Specifications
Appearance	Bright colorless liquid
Assay	≥ 99%
Specific Gravity	0.749 (20/4°C)
Content	Branched dodecanes: ≤ 1%; Carbons less than C-12: ≤ 0.4%; Carbons greater than C-12: ≤ 0.4%
Refractive Index (n ₂₀ /D)	1.4216
MS	Pass test
1H NMR	Pass test
13C NMR	Pass test
IR	Pass test
Raman	Pass test

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