

Certificate of Analysis

Dodecane

PurCert Standard for GC

Product Number	PSR36594	CAS No.	112-40-3
Brand	PureSynth	Lot No.	NP06T
Molecular Formula	C ₁₂ H ₂₆	Date of Mfg.	April,2021
Molecular Weight	170.33g/mol	Date of Exp.	March,2025

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Clarity	Clear	Clear
Assay (GC-FID)	≥ 99.5 %	99.62%
Water (by KF)	≤0.02%	0.0138%
Refractive index n ₂₀ /D	1.420 - 1.422	1.422
Identification by ¹ H NMR	Conform to structure	Conforms
Identification by GC-MS	Conform to molecular	Conforms
Identification by IR	Conform to structure	Conforms

***Traceable to Internal Reference standard.**

Storage Condition: Store at ambient temperature and keep container tightly closed in a dry and well-Ventilated place.

Remark: The batch complies with the prescribed quality of the above specification.

This is a computer-generated report -does not required sign

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