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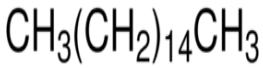
PureSynth®
Research Chemicals

Product Specification

Product Name:
n-Hexadecane Pur*Tech* Standard for GC [Includes all characterization data]
(Secondary Reference Standard)

Product No.:	PSI070
Brand:	PureSynth
CAS No.:	544-76-3
Molecular Formula:	$C_{16}H_{34}$
Molecular Weight:	226.44 g/mol



Test	Specification
Appearance	Colorless Liquid
Assay (GC-FID)	≥ 99.5 %
Water (By KF)	NMT 0.050 %
Potency	-
Density	0.771 - 0.775 g/cm^3
Identification by ^{1}H-NMR	Conforms to structure
Identification by Mass	Conforms to Molecular mass
Identification by IR	Conforms to structure

***Traceable to USP Reference standard 1800138, Current Lot No: F255V0**

Specification: PT-1.0-QA/139, Ver. No. 1.2, 16.09.2026.

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com