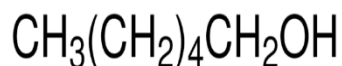


Product Specification

Product Name:

1-Hexanol, *PurReagent*, ≥99.0%

Product No.: PSR48140
Brand: PureSynth
CAS No.: 111-27-3
Molecular Formula: C₆H₁₄O
Molecular Weight: 102.17 g/mol



Test	Specification
Appearance	Colorless liquid
Miscibility	Miscible in Methanol, Ether and Benzene
Assay (By GC) On anhydrous basis	≥ 99.0 %
Water content (By KF)	NMT 0.5 %
Identification by IR	Conforms to structure
Identification by GC (RT comparison)	Complies
Related Substances by GC	
a) 1-Butanol	NMT 0.05
b) 2-Ethyl-1-butanol	NMT 0.40
c) 1-Octanol	NMT 0.10
d) 3-Octanol	NMT 0.20
e) Any unspecified impurity	NMT 0.20
1-Hexanoic acid by HPLC (% w/w)	NMT 0.10
Total impurities (Sum of the impurities from related substances + 1-Hexanoic acid content by HPLC)	NMT 1.0
1-Pentanol content by GC (% w/w)	NMT 0.05
1-Heptanol content by GC (% w/w)	NMT 0.10

Specification: PR-1.0-QA/030, Ver. No. 1.1, 24.02.2026.

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