

Product Specification

Product Name:

1-Octene PurReagent Plus, 95.0-101%

Product No.: PSR48007
Brand: PureSynth
CAS No.: 111-66-0
Molecular Formula: C₈H₁₆
Molecular Weight: 112.22 g/mol



Test	Specification
Appearance	Clear colorless liquid
Assay (by GC) (% w/w) on as is basis	NLT- 95.0% and NMT-101%
Water (%w/w) 1.0 g in methanol	NMT 0.3
Identification by IR (NaCl)	Conforms to Structure
Identification by GC	Conforms
Related Substances by GC (% w/w)	
Impurity -A (1-Hexene)	NMT 0.05
Impurity -B (1-Heptene)	NMT 0.05
Impurity -C (1-Decene)	NMT 0.05
Impurity -E (Cis-2-octene)	NMT 0.50
Impurity -F (Trans-2-octene)	NMT 0.50
Impurity -J (2-Ethyl-1-hexene)	NMT 2.0
Any unspecified impurity	NMT 0.50
Total impurities	NMT 4.0

Specification: PR-1.0-QA/263

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