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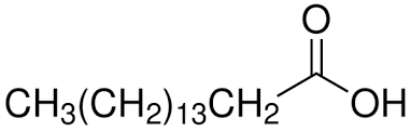
PureSynth®
Research Chemicals

Product Specification

Product Name:
Palmitic Acid PurCert Secondary Reference Standard for GC (CRM)
[Includes all characterization data]

Product No.:	PSR36883
Brand:	PureSynth
CAS No.:	57-10-3
Molecular Formula:	$C_{16}H_{32}O_2$
Molecular Weight:	256.42 g/mol



Test	Specification
Appearance	White Solid
Assay	≥ 99.0 %
Water (By KF)	NMT 0.200 %
Potency	-
Density	0.850-0.854 g/cm³
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 1492007, Lot No: R162G0.**

Specification: PC-1.0-QA/668 Version No.:1.1, 25.05.2026

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