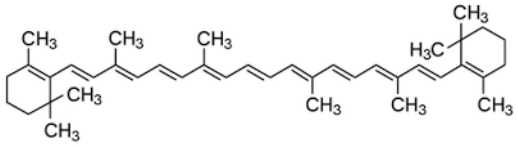
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PureSynth®
Research Chemicals

Product Specification

Product Name:
β-Carotene Pur*Cert* Secondary Reference Standard (CRM)
[Includes all characterization data]

Product No.:	PSR44225
Brand:	PureSynth
CAS No.:	7235-40-7
Molecular Formula:	$C_{40}H_{56}$
Molecular Weight:	536.87 g/mol



Test	Specification
Appearance	Orange to Brown or Dark Red Powder or Crystals
Assay (By HPLC)	≥ 97.0 %
Water (By KF)	NMT 1.000 %
Potency	-
Density	0.900-1.000 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 1065480, Lot No.: R24300**

Specification: PC-1.0-QA/836

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