

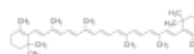
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
β-Carotene - Type II, synthetic, ≥95% (HPLC), crystalline

Product Number: **C4582**
CAS Number: 7235-40-7
MDL: MFCD00001556
Formula: C₄₀H₅₆
Formula Weight: 536.87 g/mol
Storage Temperature: -20 °C



TEST	Specification
Appearance (Color)	Dark Red-Purple to Red-Brown
Appearance (Form)	Powder
Solubility (Color)	Yellow to Orange
Solubility (Turbidity)	Clear
0.1 mg/mL, Hexane	
E1% at 450-452 nm in hexane	2450 - 2590
E1% at 478-479 nm in hexane	2160 - 2280
Purity (HPLC)	≥ 95 %

Specification: PRD.1.ZQ5.10000050976

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.