

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 - synthetic, $\geq 93\%$ (UV), powder

Product Number:

C9750

CAS Number:

7235-40-7

MDL:

MFCD00001556

Formula:

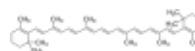
C₄₀H₅₆

Formula Weight:

536.87 g/mol

Storage Temperature:

2 - 8 °C



TEST	Specification
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Appearance (Color)

Red to Very Dark Red-Brown

Appearance (Form)

Powder

Solubility (Color)

Dark Red to Dark Red-Brown

Solubility (Turbidity)

Clear

1 mg + 1 mL, CHCl₃

Purity

92.5 - 101.0 %

by UVVS

(Based on E1% = 2280 for Lambda Maximum of 478 nm to 479 nm in Hexane)

Purity

92.5 - 101.0 %

by UVVS

(Based on E1% = 2590 for Lambda Maximum of 450 nm to 451 nm in Hexane)

Specification: PRD.1.ZQ5.10000006822

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.