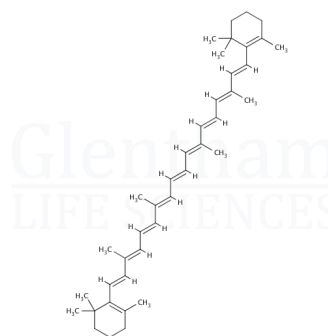


Certificate of Analysis

Product Name beta-Carotene
Glentham Code GP8334
CAS Number 7235-40-7
EINECS 230-636-6
MDL Number MFCD00001556
Batch Number 184JDV

Molecular Weight 536.87
Molecular Formula $C_{40}H_{56}$
Storage Temp. -20°C



Property	Specification	Batch 184JDV
Physical Description	Red to dark red, orange or brown-red powder	Red powder
Identification (IR)	To conform to standard	Conforms to standard
Solubility (0.1% in chloroform)	Clear, red to dark red solution	Clear, dark red solution
Wavelength of Maximum Absorption (λ_{max}) approx. 455 nm (in hexane)		455nm
Specific Absorption (E1%/1cm)	≥ 2250 (at λ_{max} , in hexane)	2315
Assay (UV)	90.0 - 103.0 %	92.6%
Specification Version	v1.2	
Manufacture Date	2024-04-07	
Re-Test Date	2031-11-13	

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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