

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

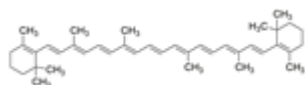
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	39267
Product	β-Carotene Provitamin A
CAS Number	7235-40-7
Molecular Formula	C ₄₀ H ₅₆
Molecular Weight	536.89

Warnings	<i>Light sensitive! Air sensitive!</i>
Appearance	Red to reddish-brown crystalline powder
Clarity & Color	Complies
Solubility	To pass test
Melting Point	176.0 - 182.0 °C
Heavy Metals	≤ 10 mg/Kg
Cation	Lead (Pb): ≤ 0.5 mg/Kg Mercury (Hg): ≤ 0.1 mg/Kg Arsenic salt (As): ≤ 0.1 mg/Kg Cadmium (Cd): ≤ 0.5 mg/Kg
Loss on Drying	≤ 0.2%
Residual Solvents	Complies
Related Substances	Alpha carotene : ≤ 1% Impurity C: ≤ 0.6% Impurity D: ≤ 2.0% Impurity E: ≤ 4.0% Impurity H: ≤ 2.0% Impurity G: ≤ 0.4% Unspecified impurities: ≤ 0.15% Total related compounds: ≤ 5.0% Subsidiary colouring matters: ≤ 3.0%
Residue On Ignition	≤ 0.2%
Assay	96.0-101.0 %
Storage	Store at -10 °C
Additional Information	Identification A, B : To pass test

Product Specifications

Catalog Number: 39267

For Laboratory Use Only