



Product Specification

cdhfinechemical.com

L-ASCORBYL PALMITATE FOR SYNTHESIS

PRODUCT CODE	012640
SYNONYMS	L-Ascorbic acid 6-hexadecanoate; Ascorbic acid 6-palmitate
C.I. NO.	—
CASR NO.	137-66-6
ATOMIC OR MOLECULAR FORMULA	C ₂₂ H ₃₈ O ₇
ATOMIC OR MOLECULAR WEIGHT	414.53
PROPERTIES	--
PARAMETER	LIMIT
Description	White to light yellow powder.
Identity (IR)	Passes test
Assay (iodometric ; on dried basis)	98.0-100.5%
Melting Point	107 to 117°C
Specific optical rotation at 25°C (c = 10% in methanol)	+ 21° to + 24°
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying at 60°C (in vacuo)	2.0%
Residue on ignition	0.1%
Heavy Metals (Pb)	0.001%
Note(s): Assay (if applicable) method mentioned. 2) Protected from light	
WARNING-- Hazard statements: -- Precautionary statements-- Prevention: ---- Response: -- Disposal: -- Hazard Pictogram(s) :-	IMDG Code : UN No. : IATA :

