



Product Data Sheet

Ascorab

PRODUCT NAME	:	ASCORBYL PALMITATE FCC
DESCRIPTION	:	Ascorbyl Palmitate is a white to yellow white powder. Very slightly soluble in water and vegetable oils ,soluble in alcohol.
CHEMICAL NAME	:	Palmitoyl-L-Ascorbic Acid
MOLECULAR FORMULA	:	$C_{22}H_{38}O_7$
MOLECULAR WEIGHT	:	414.54
IDENTIFICATION	:	CAS Number 137-66-6
ABBREVIATIONS	:	FCC = Food Chemical Codex

ANALYTICAL TESTING :

IDENTIFICATION

TESTS	SPECIFICATIONS	METHOD
Description	White to yellow white powder	FCC
Solubility	Very slightly soluble in water and vegetable oils and soluble in alcohol.	FCC
Melting Range	Between 107°C to 117°C	FCC
Colour Test	A 10% solution in alcohol decolourizes dichloro-indophenol T.S.	FCC

PURITY

TESTS	SPECIFICATIONS	METHOD
Assay (Titrimetric)	Min. 98% of $C_{22}H_{38}O_7$ calculated on anhydrous basis	FCC
Lead	Max. 2 ppm	FCC
Loss on drying in vacuum at 56-60°C	Max. 2 %	FCC
Optical Specific Rotation at 25°C. (5% in Methanol)	+21° to +24° on anhydrous basis	FCC
Residue on Ignition	Max. 0.1%	FCC

**CONFORMITY :**

- FCC - Food Chemical Codex
- Genetically Modified Organisms - Ascorbyl Palmitate is not produced from ingredients or processing aids derived by genetic modification. Ascorbyl Palmitate does not contain any genetically modified organisms.
- BSE - No animal derived ingredient whatsoever are used in the production of Ascorbyl Palmitate. Further there is no animal derived ingredient used in the facility where Ascorbyl Palmitate is produced.
- ISO CERTIFICATION - Ascorbyl Palmitate is ISO 22000 : 2005 Certified.
- KOSHER - Ascorbyl Palmitate is Kosher & Pareve and can be used in Kosher food industry, pharmaceuticals & other Kosher products.
- HALAL - Ascorbyl Palmitate is Halal certified.

SHELF LIFE :

2 years from the date of manufacture, when properly stored in sealed original container in a cool dry place.

PACKAGING :

25 kg packed in LDPE bag in fibre drums.

4 X 5 kg packed in Aluminum pouch inside 7 ply corrugated box. 2 X 10 kg packed in Aluminum pouch inside 7 ply corrugated box.

LABELLING :

The label includes product name, batch number, gross weight, net weight, manufacturing date and expiration date.

CERTIFICATION :

ISO 9001:2008

ISO 22000: 2005

KOSHER

HALAL