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1. PRODUCT NAME : ASCORBYL PALMITATE
2. MANUFACTURER : Camlin Fine Sciences Limited  
Plot No.F11 & F12, WICEL, Opp.SEEPZ Main Gate,  
Central Road, Andheri (E), Mumbai – 400093. India
3. DESCRIPTION : Ascorbyl Palmitate is a white to yellow  
white powder. Very slightly soluble in  
water , soluble in alcohol and in vegetable oil.
4. CHEMICAL NAME : Palmitoyl-L-Ascorbic Acid
5. MOLECULAR FORMULA :  $C_{22}H_{38}O_7$
6. MOLECULAR WEIGHT : 414.54
7. IDENTIFICATION : CAS Number 137-66-6
8. ABBREVIATIONS : FCC = Food Chemical Codex  
CFSL = Camlin Fine Sciences Ltd

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**ANALYTICAL TESTING**

TESTS	SPECIFICATIONS	METHOD
<b>9. IDENTIFICATION</b>		
A) Description	White to yellow white powder	FCC
B) Solubility	Very slightly soluble in water soluble in alcohol and in vegetable oil. Between 107°C to 117°C	FCC
C) Melting Range		FCC
D) Colour Test	A 10% solution in alcohol decolourizes dichloro-indophenol T.S.	FCC
<b>10. PURITY</b>		
A) Assay (Titrimetric)	Min. 95% of $C_{22}H_{38}O_7$ calculated on anhydrous basis	FCC
B) Lead	Max. 2 ppm	FCC
C) Loss on drying in vacuum at 56-60°C	Max. 2 %	FCC
D) Optical Specific Rotation at 25°C. (5% in Methanol)	+21° to +24° on anhydrous basis	FCC
E) Residue on Ignition	Max. 0.1%	FCC

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11. CONFORMITY : A) FCC – Food Chemical Codex

B) 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.

C) 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.

D) ISO CERTIFICATION – Ascorbyl Palmitate is ISO 22000 : 2005 Certified .

E) KOSHER – Ascorbyl Palmitate is Kosher & Pareve and can be used in Kosher food industry, pharmaceuticals & other Kosher

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

15. LOT CODING : AAS009G001

A = Plant Location (Tarapur)  
AS= Product Name (Ascorbyl Palmitate)  
0 = Mfg. stage  
09 = Year of manufacture  
G = Month of manufacture (July)  
001= Batch No. / Series No.

16. CERTIFICATION : ISO 22000 : 2005  
KOSHER  
HALAL