



Sophix Natural
And Agro Products Ltd
RC-1615742

Importers and dealers of
- Natural and Organic Oils
- Essential Oils
- Natural Powders
- Clays, etc
- Agro Products
- General Contracts

Certificate of Analysis

Product Name	ASCORBYL TETRAISOPALMITATE		
INCI Name:	DIMETHYL ISOSORBIDE, CAPRYLIC/CAPRIC TRIGLYCERIDE, ETHOXYDIGLYCOL, ASCORBYL TETRAISOPALMITATE, 3-o-ETHYL ASCORBIC ACID.		
CAS	183476-82-6		
MF	C70H128O10		
EINECS	430-110-8		
Batch Number	20260609	Manufacture Date	20260609
Report Date	20260609		

Items Tested	Specifications	Results	Test Method
Physical and Chemical Analysis			
Appearance	Colorless to light yellow liquid	Complies	Organoleptic examination
Odor	Slight characteristic smell	Complies	Organoleptic examination
Density (stock solution, 20°C)/g/m3	1.100-1.108	1.101	Pycnometer / USP <841>
Refraction 20°C	1.440-1.465	1.458	Refractometry / USP <831>
Physical Characteristics			
Particle Size	100% pass 80 mesh	80MESH	USP <786> / Sieve analysis
Loss on Drying	≤ 5.00%	3.64%	USP <731> / Ph.Eur. 2.2.32
Total ash	≤ 5.00%	2.84%	USP<561>
Total Plate Count,cfu/ml	<100	<10	USP <61> / ISO 4833
Molds and yeasts,cfu/ml	<10	<10	USP <61> / ISO 7954
Staphylococcus aureus/ml	Negative	Negative	USP <62> / ISO 6888
Pseudomonas aeruginosa/ml	Negative	Negative	USP <62> / ISO 13720
Thermostable coliform/ml	Negative	Negative	USP <62> / ISO 4831
Heavy Metals (ICP-MS)			
Lead (Pb)	≤ 5 ppm	<0.5 ppm	ICP-MS
Arsenic (As)	≤ 0.1 ppm	<0.1 ppm	ICP-MS
Cadmium (Cd)	≤ 1 ppm	<1 ppm	ICP-MS
Mercury (Hg)	≤ 0.1ppm	<0.1 ppm	ICP-MS
Microbial Limits			
Total Aerobic Microbial Count	≤ 1000 CFU/g	<10 CFU/g	USP <61> / Ph. Eur. 2.6.12
Total Yeast and Mold Count	≤ 100 CFU/g	<10 CFU/g	USP <61> / Ph. Eur. 2.6.12
E. coli	Absent in 1g	Absent	USP <62> / Ph. Eur. 2.6.13
Salmonella spp.	Absent in 10g	Absent	USP <62> / Ph. Eur. 2.6.13
Pseudomonas aeruginosa	Absent in 1g	Absent	USP <62> / Ph. Eur. 2.6.13

Quality Statement: This product is manufactured under a quality system compliant with cGMP principles for both food and cosmetic applications. Specifications and test methods are established with reference to the relevant ISO Standards, Chinese National Standards (GB), United States Pharmacopeia (USP), and European Pharmacopoeia (Ph. Eur.).

For cosmetic use, the batch fully complies with the requirements of EU Cosmetic Regulation (EC) No 1223/2009, China's Safety Technical Standards for Cosmetics (2015 Edition), and U.S. FDA cosmetic GMP guidelines. For food use, the batch meets the applicable requirements of China's national food safety standards (including GB 2762, GB 2763, GB 7101) and the U.S. FDA Food Safety Modernization Act (FSMA) and applicable food additive regulations.

Storage: Store in tight, light-resistant containers. Avoid exposure to direct sunlight, moisture, and excessive heat.

Shelf Life: 24 months if stored under the above conditions and remains in original packaging.



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