



Technical Data Sheet

Dunaliella P.E. 7,5% Carotinoide
Dunaliella P.E. 7.5% Carotenoids

PRODUCT INFORMATION

Latin name	Dunaliella salina
Part Used	Algae
Origin	China
Extraction solvent	Ethanol & Water
Dunaliella Salina Extract	Approx 80%
Carrier (Maltodextrin)	Approx 20%
Ratio	15:1

ITEM	SPECIFICATION	METHOD
Carotenoids Assay	7.5% Min	
Beta Carotene Assay	6.75% Min	
Appearance & Color*	Red or red-brown Fine Powder	Visual
Odor & Taste	Characteristic	Organoleptic
Sieve analysis	100% through 40 Mesh	80 Mesh Screen
Loss on Drying	5% Max	Eu. Pharm. v.v. (2.8.17)
Bulk Density	0.30-0.70g/ml	
Benzo(a)pyrene	10ppb Max	GC-MASS
Amax(1%,1cm)Colour intensity of aqu .dispersion A(1%,1cm) at Max	120 Min	

*The color may vary

STATEMENTS

Food Quality and Safety	only for food supplements
Contaminants	According to Reg. (EC) 1881/2006 and amendments
Preservative	Preservative Free
Residual Solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria <10,000 cfu/g, TYMC <300 cfu/g, Salmonella negative, E. Coli negative, Staphylococcus negative
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Vegan
Sterilization Method	High Temperature and Pressure
Irradiation	No ionization or other radiation is permitted According to Dir. (EC) 1999/2 and 1999/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen free	According to Reg. (EC) 1169/2011
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
Packaging	According to Reg. (EC) Nr. 10/2011 and 1935/2004

STORAGE AND HANDLING

Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	3 years if sealed and properly stored

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