



Dermolife di Margonari Maria Franca
Via Don Emilio Perugini 14 - 38121 Vigo Meano TRENTO (IT)
Tel : +39 340 585 1384
Mail : info@dermolife.it
Web : www.dermolife.it
P.I. 02202500225
C.F. MRGMFR66A69L378D

SCHEDA TECNICA

Product	Citrus bioflavonoids $\geq 50.0\%$ total flavonoids calculated as hesperidin
Botanic Name	Citrus maxima (Burm.) Merr. et Citrus paradisi Macfad. et Citrus aurantium var. dulcis
CAS Number	61788-55-4
Product Code	EBFLV5DR50
Production Site	Italy / Asia / South America
Extraction Solvent	Water / Ethanol (60/40 V/V)
Excipients	Maltodextrin
Auxiliary Substances	$\leq 0.5\%$ colloidal anhydrous silica
Tapped Density	about 0.5 g/ml
Particle size	$\geq 90\%$ - goes through sieve nr.500 (sieve method Eur.Ph.)
Other information	- Control is made on raw material with following limits: $<5\text{ppb}$ aflatoxine B1 $<10\text{ppb}$ total aflatoxin (sum of B1,B2, G1 and G2) - Residual pesticides comply to Reg.(EC) No.396/2005 and subs. amendments and updates - product gluten free and not irradiated - Product does not contain and it is not manufactured from GMO components (EEC Reg. 1829/2003 and 1830/2003) - Storage in cool, dark and dry place The product complies to Reg.(EC) No. 1933/2015

TEST	LIMITS	METHODS
Characters	Brownish, brown-yellowish, fine powder	Inspection
Identification	Positive (TLC may be performed on the extract or on the half-processed product or on the drug)	TLC and/or botanical identification
Content	$\geq 50.0\%$ total flavonoids calculated as hesperidin	HPLC
Drug extract ratio (DER)	n.a.	
Loss on drying	$\leq 5\%$	105° C - 3 hours
Residual Solvents	$\leq 0.5\%$ ethanol	Gas Chromatography
Heavy Metals	$\leq 10\text{ ppm}$ (Pb $<3\text{ ppm}$; Cd $<1\text{ ppm}$; Hg $<0.1\text{ ppm}$)	Atomic absorption
Antimicrobial Preservatives	Absent	
Microbial contamination		
Aerobic microorganism *	$\leq 10000\text{ c.f.u./g}$	as per Eur.Ph
Moulds-Yeasts *	$\leq 100\text{ c.f.u./g}$	as per Eur.Ph
Enterobacteriaceae	$\leq 100\text{ c.f.u./g}$	as per Eur.Ph
E.Coli (1 g)	Absent	
Salmonella (25g)	Absent	

* all indicated limits have to be interpreted as 5X according to Eur.Ph

I metodi di analisi non indicati sono metodi interni del produttore ottenibili su specifica richiesta

Le informazioni sopra riportate non Vi sollevano dall'obbligo di identificare il prodotto prima dell'impiego. DERMOLIFE non si assume alcuna responsabilità per danni a persone o cose derivanti dall'impiego dei prodotti da noi commercializzati

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ALLERGENS FORM

Product(s) name:	Citrus bioflavonoids >= 50.0% total flavonoids calculated as hesperidin EBFLV5DR50	
Composition (complete formulation of our products including additives and adjuvants):	– <i>Citrus maxima</i> seed – <i>Citrus paradise</i> seed – <i>Citrus aurantium</i> var. <i>dulcis</i> pericarp – Maltodextrin – Colloidal anhydrous silica	
MAIN ALLERGENS	PRESENCE (YES / NO)	QUANTITY (ppm) in case of presence
Sulphur dioxide and sulfites (specify quantity if higher than 10 ppm or 10 mg / kg)	< 10 ppm	
Peanut seed and derived products (including oil)	NO	
Cashew - nut (including oil)	NO	
Walnut (including oil)	NO	
Hazelnut (including oil)	NO	
Brazil nut (including oil)	NO	
Pecan nut (including oil)	NO	
Macadamia nut (including oil)	NO	
Pistachio - nut (including oil)	NO	
Pine kernel (including oil)	NO	
Almond (including oil)	NO	
Eggs and derived products	NO	
Fishes – crustaceans and derived products (including gelatin...)	NO	
Molluscs and derived products	NO	
Soya and derived products (including lecithin..)	NO	
Gluten (specify quantity) of following origin	NO	
▪ Wheat	NO	
▪ Rye	NO	
▪ Barley	NO	
▪ rustic wheat (lat. spelta)	NO	
▪ oat	NO	
▪ Kamut®	NO	
▪ hybrid species and derived products from gluten	NO	
Milk	NO	
Dairy products including lactose (specify quantity)	NO	
Sesame seed and derived products (including oil)	NO	
Lupin (lat. lupinus) and derived products	NO	

COPY CONFORMING TO THE ORIGINAL, VALID ALTHOUGH NOT SIGNED

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Celery and derived products	NO	
Mustard and derived products	NO	

THERE IS NO RISK OF CROSS-CONTAMINATION IN OUR PLANTS

In case the formula is subjected to modifications or any of the conditions we have guaranteed are changed, we oblige ourselves to inform you immediately.

DATE	POSITION	SIGNATURE OF THE PERSON RESPONSIBLE
June 2019	_____	_____

PRODUCT OF VEGETAL ORIGIN: BSE/TSE FREE

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AGRONOMIC INFORMATION FORMAT	
Plant (Raw Material)	
Scientific (Latin) Name (Genus, species, Author's name):	<i>Citrus grandis</i> (L.) Osbek (Syn. <i>Citrus decumana</i> L.; <i>Citrus maxima</i> (Burm.) Merr.
Regulatory reference	Drug included in the D.M. 10 August 2018
Botanical Family:	<i>Rutaceae</i>
Variety or Chemotype:	not available
Common name:	POMPELMO
English Name:	GRAPEFRUIT
Part used:	Seed
Geographical Origin:	Asia (mainly China)
Growth conditions:	
- Cultivated	X
- Wild	
Harvesting conditions:	
- Manual	
- Mechanical	X
Period of harvest	February-March
Primary processing	
- Washing	Yes
- Pressing	no
- Drying	yes
- Milling	yes

* All information included in the present document are strictly in accordance to the original documentation provided by the supplier of the product

Rev. 00 October 2018

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AGRONOMIC INFORMATION FORMAT	
Plant (Raw Material)	
Scientific (Latin) Name (Genus, species, name):	Author's <i>Citrus paradisi</i> Macfad.
Regulatory reference	Drug included in the D.M. 10 August 2018
Botanical Family:	Rutaceae
Variety or Chemotype:	not available
Common name:	POMPELMO
English Name:	GRAPEFRUIT
Part used:	Seed
Geographical Origin:	Europe, Asia (mainly China)
Growth conditions:	
- Cultivated	X
- Wild	
Harvesting conditions:	
- Manual	
- Mechanical	X
Period of harvest	December-May
Primary processing	
- Washing	Yes
- Pressing	no
- Drying	yes
- Milling	yes

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AGRONOMIC INFORMATION FORMAT	
Plant (Raw Material)	
Scientific (Latin) Name (Genus, species, Author's name):	Citrus aurantium var. dulcis Hayne (syn. Citrus aurantium subsp. sinensis (L) Engl.)
Regulatory reference	Drug included in the D.M. 10 August 2018
Botanical Family:	Rutaceae
Variety or Chemotype:	not available
Common name:	ARANCIO DOLCE
English Name:	Sweet Orange
Part used:	Fruit (Pericarp)
Geographical Origin:	Asia (mainly China)
Growth conditions:	
- Cultivated	X
- Wild	
Harvesting conditions:	
- Manual	X
- Mechanical	
Period of harvest	May - June
Primary processing	
- Washing	yes
- Pressing	not available
- Drying	yes
- Milling	not available

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