

TECHNICAL DATA SHEET

Product	Propolis dry extract $\geq 5.0\%$ total flavonoids calc. as galangine	
Botanic Name	Propolis	
CAS Number	85665-41-4	
Product Code	EPROPZDR05	Date 19/09/2019

Production Site	Italy / Asia
Extraction Solvent	Water / Ethanol (70/30 V/V)
Excipients	Maltodextrin
Auxiliary Substances	$\leq 0,5\%$ colloidal anhydrous silica
Tapped Density	about 0,5 g/ml
Particle size	$\geq 90\%$ - goes thru sieve nr.1000 (sieve method Eur.Ph.)
Other information	<ul style="list-style-type: none"> - Control is made on raw material with following limits: <ul style="list-style-type: none"> <5ppb aflatoxine B1 <10ppb total aflatoxin (sum of B1,B2, G1 and G2) - Residual pesticides compliens to Reg.(EC) No.396/2005 - 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 <p>The product complies to Reg.(EC) No. 1933/2015</p>

TEST	LIMITS	METHODS
Characters	Brownish to light-brown 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	$\geq 5.0\%$ tot.flavonoids calc. as galangine	spectrophotometric method
Drug extract ratio (DER)	5/6:1 (indicative)	
Loss on drying	$\leq 5\%$	105° C - 3 hours
Residual Solvents	$\leq 0,5\%$ ethanol	Gas Chromatography
Heavy Metals	≤ 10 ppm (Pb <3 ppm; Cd <1 ppm; Hg <0.1 ppm)	Atomic absorption
Antimicrobial Preservatives	Absent	
Microbial contamination		
Aerobic microorganism *	≤ 10000 c.f.u./g	as per Eur.Ph
Moulds-Yeasts *	≤ 100 c.f.u./g	as per Eur.Ph
Enterobacteriaceae	≤ 100 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

ALLERGENS FORM		
Product(s) name:	Propolis dry extract >=5.0% total flavonoids calc. as galangine EPROPZDR05	
Composition (complete formulation of our products including additives and adjuvants):	– <i>Propolis</i> – 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	
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
September 2019	_____	_____

PRODUCT OF VEGETAL ORIGIN: BSE/TSE FREE

AGRONOMIC INFORMATION FORMAT	
Plant (Raw Material)	
Scientific (Latin) Name (Genus, species, Author's name):	<i>Propolis</i>
Regulatory reference	Drug included in the D.M. 10 August 2018
Botanical Family:	Not applicable
Variety or Chemotype:	Not applicable
Common name:	PROPOLI
English Name:	PROPOLIS
Part used:	Resin collected from plant bud and/or tree trunk by bees
Geographical Origin:	Asia (mainly China)
Growth conditions:	
- Cultivated	
- Wild	X
Harvesting conditions:	
- Manual	X
- Mechanical	
Period of harvest	April to October
Primary processing	
- Washing	No
- 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. 01 June 2019