

TECHNICAL DATA SHEET

Product	BindGran® RW - Vitis vinifera fruit >=45.0% PACs	
Botanic Name	Vitis vinifera L.	
CAS Number	84929-27-1	
Product Code	EVTSV5BG45	Date 11/07/2019

Part used	fruit
Origin of the extract	Italy
Origin of raw material	Italy / Asia
Extraction solvent	Water / Ethanol (70/30 V/V)
Production site	Italy
Excipient	Maltodextrin
Carrier / Binder	mix of dextrans / microcrystalline cellulose / gums
Bulk density	about 0.3 g/ml
Particle size	>=90% passes through the sieve nr. 800 (Sieve method Eur.Ph.)

Aflatoxins and Pesticides	the analysis is usually made on the herbal drug. Specifications: Aflatoxin B1 <5 ppb, total aflatoxins <10 ppb (sum of Aflatoxins B1,B2,G1,G2); pesticides residues: the herbal drug complies to Reg.(EC) No.396/2005 and subs. amendments and updates
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GMOs status	any raw material and processing aids used in the production do not consist or contain GMOs and are not produced from GMOs according to EC 1829/2003 and 1830/2003 regulations
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Other information	The product is gluten free and not irradiated. Store in well closed containers, in cool (8°C-18°C) and dry place (humidity < 55%). Avoid exposure to direct sunlight and heat sources The product complies to Reg.(EC) No. 1933/2015
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TEST	SPECIFICATIONS	METHODS
Characters	Reddish, 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	>=45.0% PACs (proanthocyanidins)	spectrophotometric method
Solubility	hydrodispersible (about 1 g / 200 ml water)	
Loss on drying	<=5.0%	105°C, 3 hours
Residual solvent	<=0.5% ethanol	Head-space GC
Heavy metals	<=10 ppm (Pb <3 ppm, Cd <1 ppm, Hg <0.1 ppm)	atomic absorption
Microbial contamination		
Aerobic micro-organisms*	<= 10000 c.f.u./g	as per Eur.Ph.
Moulds and 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 (25 g)	absent	
*all indicated limits have to be interpreted as 5X according to Eur.Ph.		

ALLERGENS FORM		
Product(s) name:	BindGran® RW - Vitis vinifera fruit >=45.0% PACs EVTSV5BG45	
Composition (complete formulation of our products including additives and adjuvants):	<ul style="list-style-type: none"> – <i>Vitis vinifera</i> fruit – Maltodextrin – Dextrins – Microcrystalline cellulose – Gums 	
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
July 2019	_____	_____

PRODUCT OF VEGETAL ORIGIN: BSE/TSE FREE

AGRONOMIC INFORMATION FORMAT	
Plant (Raw Material)	
Scientific (Latin) Name (Genus, species, Author's name):	<i>Vitis vinifera</i> L. (var. <i>tinctoria</i>)
Regulatory reference	Drug included in the D.M. 10 August 2018
Botanical Family:	<i>Vitaceae</i>
Variety or Chemotype:	not available
Common name:	VITE
English Name:	Red Wine
Part used:	Fruit
Geographical Origin:	China
Growth conditions:	
- Cultivated	X
- Wild	
Harvesting conditions:	
- Manual	
- Mechanical	X
Period of harvest	Summer
Primary processing	
- Washing	Yes
- Pressing	Yes/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

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