



**BOTANICAL
EXTRACTS**

BOTANYL® V

**VALERIAN DRY HYDROALCOHOLIC
EXTRACT.**

IDENTIFICATION & COMPOSITION

CAS Number	Valériana Officinalis extract :	8057-49-6
EC Number	Valériana Officinalis extract :	232-501-7
Composition	Native extract	About 70%
Excipients/Other components	Maltodextrin Silicon dioxyde (E551) :	about 30% about 1 - 2%
Antioxydants/Preservatives	None	
Active Material Assay	HPLC contents of valerenic acids (as sum of valerenic acid, hydroxyvalerenic acid and acetoxyvalerenic acids, calculated on the dried substance) : 0.8 - 1.0 % HPLC contents sesquiterpenic acids (expressed as valerenic acid, calculated on the anhydrous, according to Ph. Eur substance #1898) : >= 0.25 %	
Appearance	Brown hygroscopic powder	
Starting Herbal Material	Valeriana officinalis L. - Valerianaceae	
English Common Name	Valerian	
Part of the plant	Rhizome and root	
Extraction Solvent	Water and Ethanol	
Drug to Extract Ratio	3 - 4 : 1	

PACKAGING, SHELF LIFE & STORAGE

Internal	Food grade type polyethylene bag closed with wrap-it tie
External (for 25kg size)	Kraft type cardboard drum
Storage conditions	Store in well closed containers, protected from light/moisture/heat
Shelf life	5 years



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PHYSICO-CHEMICAL PROPERTIES

Particle size	Pass 80 mesh (180 µm) : about 87%
Bulk density	About 0.72 g/ml

CONTAMINANTS INFORMATION

CALIFORNIA PROP.65 Substances	Refer to specifications for heavy metals and residual solvents
DIOXINS	Absent
FUMIGANT	No fumigation with ethylene oxide or methyl bromide during production or storage
GLUTEN	Absent
HEAVY METALS	According to Reg. (EC) 629/2008 and its amendments
LACTOSE	Absent
LATEX	Absent
MELAMINE	Absent
MYCOTOXINS	According to Reg. (EC) 165/2010 and its amendments
PAH (Polycyclic Aromatic Hydrocarbons)	According to Reg. (EC) 1933/2015
PESTICIDES	According to Reg. (EC) 396/2005 and its amendments and to 410 CFR Part 180
PHTHALATES	Absent
RESIDUAL SOLVENTS	According to ICH Q3C limits and USP <467>
WADA / USADA Substances	Absent
PYRROLIZIDINE ALKALOIDS	According to Reg. (EC) 2040/2020

FOOD SAFETY LEGISLATION

GMO	This product is non GMO according to Reg. (EC) 1829/2003 and (EC) 1830/2003 and their amendments
ALLERGENS	This product does not contain allergens according to Reg. (EC) 1169/2011 and its amendments
TSE/BSE	no animal derived substances are used in the manufacturing process of the aforesaid product. This product is exclusively of vegetal origin and therefore, it is excluded from the scope of the current revision of the « note for guidance on minimising the risk of transmitting animal spongiform encephalopathy agents via human and veterinary medicinal products» (EMA/410/01 rev.3 and its further revisions)



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IONIZING RADIATION	This product and its ingredients are not irradiated / treated with ionizing radiation according to Dir. 1999/2/EC and 1999/3/EC and their amendments
NANOMATERIALS	This product contains about 1 - 2% of silicon dioxide
PACKAGING	The packaging in direct contact with the product complies with the provisions of Reg. (EC) 1935/2004
COUNTRY OF ORIGIN	ITALY (EU)

NUTRITIONAL INFORMATION

Energy value	295 Kcal/100g	1250 kJ/100g
Proteins (as sum of aminoacids after hydrolysis)	3.19 g/100g	
Carbohydrates	37.85 g/100g	
Starch	25.8 g/100g	

Total Fat	1.4 g/100g
Saturated Fatty Acids	0.21 g/100g
Monounsaturated Fatty Acids	0.09 g/100g
Polyunsaturated Fatty Acids	0.27 g/100g
Trans Fatty Acids	< 0.05 g/100g

Total Dietary Fiber	1.9 g/100g
Soluble	< 0.5 g/100g
Insoluble	1.9 g/100g

Sugars composition	
Fructose, anhydrous	1.21 g/100g
Galactose, anhydrous	< 0.10 g/100g
Glucose, anhydrous	2.02 g/100g
Saccharose (Sucrose) anhydrous	15.0 g/100g
Lactose, anhydrous	< 0.10 g/100g
Maltose, anhydrous	0.54 g/100g
Total reducing Sugars after inversion	66.4 g/100g

Moisture	6.0 g/100g
Ash	5.32 g/100g
Sodium	32.9 mg/100g
Calcium	22.8 mg/100g
Iron	0.897 mg/100g
Potassium	1780 mg/100g
Cholesterol	0.57 mg/100g
Vitamin C (ascorbic acid, HPLC)	< 2.5 mg/100g

The above information must be considered indicative due to the natural variation in the composition of the starting herbal material. The above information is given in accordance with Reg. (EC) 1169/2011 on food information to consumers. The energy values may differ per region because of different calculations.





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SOLUBILITY INFORMATION

WATER
SLIGHTLY SOLUBLE

RELIGIOUS DIETS

KOSHER	√	Pareve non-passover
HALAL		

MANUFACTURER INFORMATION

Manufacturing, Quality Control/Approval
Quercyl SAS, 15 rue de la Garenne Bat 1 - 16160 Gond Pontouvre - FRANCE

Warehousing, Final Packaging/Batch release, shipping
Quercyl SAS, 15 rue de la Garenne Bat 1 - 16160 Gond Pontouvre - FRANCE

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