



**BOTANICAL  
EXTRACTS**

# BOTANYL® GS

**GINSENG DRY HYDROALCOHOLIC  
EXTRACT**

## IDENTIFICATION & COMPOSITION

<b>CAS Number</b>	Panax ginseng C.A Meyer extract :	92347-06-3
<b>EC Number</b>	Panax ginseng C.A Meyer extract :	296-193-6
<b>Composition</b>	Panax ginseng C.A Meyer root extract :	90 - 99 %
<b>Excipients/Other components</b>	Dehydrated corn syrup :	1 - 10 %
<b>Antioxydants/Preservatives</b>	None	
<b>Active Material Assay</b>	HPLC Assay of total ginsenosides and malonyl-ginsenosides $\geq$ 7.0 % HPLC Assay ginsenosides Rg1 = 0.9 - 1.4 % HPLC Assay ginsenosides Rb1 = 1.1 - 3.0 %	
<b>Appearance</b>	Brown-yellow powder	
<b>Starting Herbal Material</b>	Panax ginseng C.A. Meyer - Araliaceae	
<b>English Common Name</b>	Asian Ginseng	
<b>Part of the plant</b>	Root	
<b>Extraction Solvent</b>	Water and Ethanol	
<b>Drug to Extract Ratio</b>	2 - 5 : 1	

## PACKAGING, SHELF LIFE & STORAGE

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



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Les informations contenues dans cette documentation sont le reflet exact de nos connaissances actuelles du produit, sans engagements ou garantie de notre part, dans la mesure où les conditions d'utilisation restent hors de notre contrôle. Il relève de la responsabilité de l'utilisateur de vérifier que son usage est bien en accord avec les textes et législations en vigueur.



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## PHYSICO-CHEMICAL PROPERTIES

<b>Particle size</b>	Pass 75 mesh (200 µm) : about 98% Pass 150 mesh (100 µm) : about 85% Pass 300 mesh (50 µm) : about 59%
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## CONTAMINANTS INFORMATION

<b>CALIFORNIA PROP.65 Substances</b>	Refer to specifications for heavy metals and residual solvents
<b>DIOXINS</b>	Absent
<b>ETHYLENE OXIDE</b>	Not used
<b>GLUTEN</b>	Absent
<b>HEAVY METALS</b>	According to Reg. (EC) 629/2008 and its amendments
<b>LACTOSE</b>	Absent
<b>LATEX</b>	Absent
<b>MELAMINE</b>	Absent
<b>MYCOTOXINS</b>	According to Reg. (EC) 165/2010 and its amendments
<b>NITROSAMINES</b>	Absent
<b>PAH (Polycyclic Aromatic Hydrocarbons)</b>	According to Reg. (EC) 1933/2015
<b>PCBs</b>	Absent
<b>PESTICIDES</b>	According to Reg. (EC) 396/2005 and its amendments and to 40 CFR part 180
<b>PHthalates</b>	Absent
<b>RESIDUAL SOLVENTS</b>	According to Dir. 2009/32/EC and its amendments, Ph. Eur. 2.4.24 and USP <467>
<b>WADA / USADA Substances</b>	Absent

## FOOD SAFETY LEGISLATION

<b>GMO</b>	This product is non GMO according to Reg. (EC) 1829/2003 and (EC) 1830/2003 and their amendments
<b>ALLERGENS</b>	This product does not contain allergens according to Reg. (EC) 1169/2011 and its amendments
<b>TSE/BSE</b>	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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<b>IONIZING RADIATION</b>	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
<b>NANOMATERIALS</b>	This product does not contain nanomaterials according to Reg. (EC) 1169/2011
<b>PACKAGING</b>	The packaging in direct contact with the product complies with the provisions of Reg. (EC) 1935/2004
<b>COUNTRY OF ORIGIN</b>	ITALY (EU)

### NUTRITIONAL INFORMATION

<b>Energy value</b>	200 Kcal/100g	845 kJ/100g
<b>Proteins (as sum of aminoacids after hydrolysis)</b>	3.21 g/100g	

<b>Total Fat</b> .....	2.4 g/100g
Saturated Fatty Acids .....	< 0.5 g/100g
Monounsaturated Fatty Acids .....	< 0.5 g/100g
Polyunsaturated Fatty Acids .....	< 0.5 g/100g

<b>Total Dietary Fiber</b> .....	3.6 g/100g
Soluble .....	1.1 g/100g
Insoluble .....	2.5 g/100g

<b>Sugars composition</b>	
Fructose, anhydrous .....	0.96g/100g
Glucose, anhydrous .....	1.29g/100g
Saccharose (Sucrose) anhydrous .....	33.5 g/100g
Lactose, anhydrous .....	< 0.10g/100g
Maltose, anhydrous .....	1.68 g/100g
<b>Total reducing sugars after inversion</b> .....	42.8 g/100g

Moisture .....	5.9 g/100g
Ash .....	10.64 g/100g
Sodium .....	365 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	WATER/ETHANOL 50% (v/v)	ALCOHOL 95% (v/v)
SOLUBLE	SOLUBLE	INSOLUBLE

## RELIGIOUS DIETS

<b>KOSHER</b>		
<b>HALAL</b>	√	Halal Correct Certification ®

## MANUFACTURER INFORMATION

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

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

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