

INSOLENT [LABS]

MSDS (Material Safety Data Sheet)

N/P

State regulatory information:

N/P

16. OTHER INFORMATION

Other information: N/P

Ginkgo biloba extract (24-6)

Product SPECIFICATION

Product Name	Ginkgo biloba extract (24-6)
INCI Name	Ginkgo biloba, ext.
EINECS Number	289-896-4
CAS Code	90045-36-6

Botanical Source	Ginkgo Leaf
Description	
Appearance	Light brown fine powder
Odor / Taste	Characteristic
Extract Solvent	Ethanol & Water
Excipient	None
Particle Size	100% Through 80 mesh
Bulk Density	0.30 g/ml ~ 0.50 g/ml
Marker Compounds	
Total Flavone Glycosides	24.00~34.29%
Quercetin	
Kaempferol	
Isorhamnetin	
Total Terpene Lactones	6.00~8.57%
Ginkgolides (A)	
Ginkgolides (B)	
Ginkgolides (C)	
Ginkgolides (J)	
Bilobalides	
Total Ginkgolic Acid	≤5.00ppm
Rutin	≤3.50%
Genistein	≤0.10%
Chemical Test	
Loss on drying	≤ 5.00%
Heavy Metals	≤3.0 ppm
Lead	≤0.5 ppm
Arsenic	≤0.3 ppm
Cadmium	≤0.1 ppm
Mercury	≤0.1 ppm
Benzo(a)pyrene	≤10µg/kg

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Sum of PAH4 (Pbenzo[a]pyrene, chrysene, benz[a]anthracene and benzo[b]fluoranthene)	≤50µg/kg
Microbiological test	
Total plate count	≤ 1000 cfu/g
Yeast & Mold	≤ 100 cfu/g
E.Coli	Negative
Salmonella	Negative
Staphylococcus	Negative
Aflatoxins (B1,B2,G1,G2)	≤ 5.0 PPB

GENERAL PRODUCT INFORMATION

Mesh of the product	80
Taped density	0.55-0.70g/ml
Bulk density	0.50-0.65g/ml
Water solubility	Part soluble in water
Origin (Synthetic, Fermentation)	Extraction
Origin (Animal, Vegetal, etc.)	From ginkgo biloba leaves
Is the product and their ingredients FREE of GLUTEN?	Yes
Ratio (Aproximate) of the Extract	50:1
Solvents Used during the extraction and their %	70% Ethanol & 30% Water
Product is suitable for Vegans	Yes
Product is suitable for Vegetarians	Yes
Product is free of fructose	Yes
Is this product suitable for food?	Yes
Can be the product used in baby food (According to Directive 2006/141/CE)?	No
Drug indication	Ginkgo Biloba leaf improving memory, cardiovascular disease
Melting Point	N/A

TECHNICAL PRODUCT INFORMATION

Raw materials used and their function	Ginkgo Biloba leaf
Frequency of analysis of each contaminant?	Every batch
Frequency of analysis of microbiology?	Every batch, Every batch
Frequency of analysis of each heavy metals?	Every batch, Every batch

FOREIGN BODIES

Explanation about control of the foreign bodies during the manufacturing process:

Metal detector	Yes	The outer packing stage
Sieve	Yes	Sieving and crushing process
Filter	Yes	After extraction process
X-Ray	No	
Other	No	

INGREDIENTS

In accordance with the Directive 2003/89/EC We confirm this is the ingredients and their content in %

Ginkgo biloba	100%
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