INSOLENT [LABS]

Certificate of Analysis

Product	Ginseng Korean Extract 20% Ginsenosides
CCL Product Code	P07117

Batch Number
Date of Manufacture
Re-Test Date
Ratio of Material
Solvent used
Source

202112062 20/12/2021 19/12/2023 10:1 70% Ethanol and 30% water Ginseng Korean

Suitable for Vegetarians Suitable for Vegans

Yes Yes

Specification Details

Test	Specification	Result
Appearance	Fine powder	Powder
Colour	Light Yellow to Off White	Light yellow
Aroma	Characteristic	Conforms
Flavour	Characteristic	Conforms
Identification (TLC)	Positive	Conforms

Assay (UV)	
Sieve Analysis	
Ash	
Loss on Drying	
Bulk Density	
Tapped density	
Specific gravity	

Ginsenosides Min 20.0%	20.5%
Min 95% through 80mesh	100% through 80 Mesh
Max 5%	0.1%
Max 5%	3.7%
0.35~0.65g/ml	0.44g/ml
0.45~0.75g/ml	0.58g/ml
0.35-0.75	0.44

Microbiological Limits

Total Viable Count	Max 10,000cfu/g	<10Cfu/g
Yeasts & Moulds	Max 1,000cfu/g	<10Cfu/g
E. Coli	Negative/10g	Negative/10g
Salmonella	Negative/25g	Negative/25g
Coliform	Negative/10g	Negative/10g
Staphylococcus aureus	Negative/10g	Negative/10g

Committed to meeting quality standards. BRC Food Safety . FEMAS . FSMA . Informed Manufacturer. Soil Association Organic . Halal . Kosher .

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Heavy Metal Limits

Total Heavy metals	Max 10ppm	<10ppm
Lead (Pb)	Max 3ppm	<0.05ppm
Cadmium (Cd)	Max 1ppm	<0.05ppm
Mercury (Hg)	Max 0.1ppm	<0.005ppm
Arsenic (As)	Max 1ppm	<0.005ppm
GMO Status	Non GMO	Non GMO
Irradiation Status	Non Irradiated	Non Irradiated
TSE/BSE Status	TSE/BSE Free	TSE/BSE Free

This material conforms to the USP Standard.

This material is to be stored in a tightly sealed bag/container and to be kept in a cool place away from moisture and direct sunlight.

Please note that surveillance testing may mean that not all the parameters stated on this specification are tested for every batch.

We confirm that the information above is sourced from the original manufacturers/suppliers Batch Certificate of Analysis.

The specifications detailed in this COA conform with Version 6 of our Technical Dossier for Ginseng Korean Extract 20% Ginsenosides

To be used as per local legislation.

Change History

Version	Change	Customer Notification required Yes / No
1	First Issue	N/A