

**Ginseng extract (24% Ginsenoside)**

Batch	Manufactured	Expiration
C20191207	07/12/19	06/12/22

**General Information**

Part Used	Root & Leaf
Solvents Used	Water&Ethanol
Botanical Source	Panax ginseng C. A. Mey.

ITEMS	SPECIFICATION	METHOD	TEST RESULTS
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**Physical&Chemical Data**

Color	Light Yellow	Organoleptic	Conform
Odour	Characteristic	Organoleptic	Conform
Appearance	Fine Powder	Organoleptic	Conform

**Analytical Quality**

Identification	Identical to R.S. sample	HPTLC	Identical
Ginsenosides	≥24.0%	UV	25.28%
Sieve analysis	100 % through 80 mesh	Eur.Ph. <2.9.12>	Conform
Loss on Drying	≤5.0 %	Eur.Ph. <2.8.17>	3.59 %
Total Ash	≤10.0 %	Eur.Ph. <2.4.16>	0.40 %
Bulk density	40~60 g/100mL	Eur.Ph. <2.9.34>	58 g/100mL
Tap density	60~90g/100mL	Eur.Ph. <2.9.34>	86 g/100mL

**Contaminants**

Lead (Pb)	≤3.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	<0.01 mg/kg
Arsenic (As)	≤2.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0175 mg/kg
Cadmium (Cd)	≤1.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	<0.01 mg/kg
Mercury (Hg)	≤0.1 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0178 mg/kg
Benzo(a)Pyrene	≤10µg/Kg	(EC)No.1881/2006	Conform
PAH4	≤50µg/Kg	(EC)No.1881/2006	Conform
Solvents Residue	Meet Eur.Ph. <5.4>	Eur.Ph. <2.4.24>	Conform
Pesticides Residue	Meet Eur.Ph. <2.8.13>	Eur.Ph. <2.8.13>	Conform

**Microbiological**

Total Plate Count	≤10000 cfu/g	Eur.Ph. <2.6.12>	10 cfu/g
Yeast & Mold	≤1000 cfu/g	Eur.Ph. <2.6.12>	10 cfu/g
E.Coli.	Negative	Eur.Ph. <2.6.13>	Conform
Salmonella	Negative	Eur.Ph. <2.6.13>	Conform

**General Status**

Non-Irradiation	≤700	EN <13751:2002>	325
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Packing&Storage Packed in paper-drums and two plastic-bags inside.

N.W:25kgs .I.D.35×H51cm;

Store in a well-closed container Away from moisture,light, oxygen.

Shelf life 36 months under the conditions above and in its original packaging.

**Approved by quality department**

***As received from our supplier - Certifié conforme à l'original.***

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