

CERTIFICATE OF ANALYSIS

Chaga Extract

Batch No.: RDECM20190822 Manufacture Date: 22-08-2019 Expiry Date: 21-08-2021

General Information

Part of Used	Fruit Body	Solvent Used	Water
Botanic Source	<i>Alchemilla vulgaris</i>	Country of Origin	China

ITEMS	SPECIFICATION	METHOD	TEST RESULTS
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Assay	≥ 10% Polysaccharides	UV	11.38%
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Physical & Chemical Data

Color	Yellow brown	Visual	Conform
Odour & Taste	Characteristic	Organoleptic	Conform
Appearance	Fine Powder	Organoleptic	Conform

Analytical Quality

Identification	Identical to R.S. sample	HPTLC	Identical
Sieve Analysis	100% through 80 mesh	Eur.Ph. 7.0 [2.9.12]	Conform
Loss on Drying	≤8.0%	Eur.Ph. 7.0 [2.8.17]	4.27%
Total Ash	≤10.0%	Eur.Ph.7.0 [2.4.16]	4.98%

Contaminants

Total Heavy Metals	≤ 10ppm	Eur.Ph.7.0<2.2.58>ICP-MS	Conform
Lead (Pb)	≤ 2.0ppm	Eur.Ph.7.0<2.2.58>ICP-MS	Conform
Arsenic (As)	≤ 1.0ppm	Eur.Ph.7.0<2.2.58>ICP-MS	Conform
Cadmium (Cd)	≤ 1.0ppm	Eur.Ph.7.0<2.2.58>ICP-MS	Conform
Mercury (Hg)	≤ 0.1ppm	Eur.Ph.7.0<2.2.58>ICP-MS	Conform
Pesticide Residue	According to Regulation (EC) No. 396/2005 and amendments	SANCO/10684/2009	Conform

Microbiological

Total Plate Count	≤ 10,000cfu/g	Eur.Ph. 7.0 [2.6.12]	Conform
Yeast & Mold	≤ 1,000cfu/g	Eur.Ph. 7.0 [2.6.12]	Conform
E. Coli	Negative	Eur.Ph. 7.0 [2.6.31]	Conform
Salmonella	Negative	Eur.Ph. 7.0 [2.6.31]	Conform

Packing & Storage

Packed in paper-drums and two plastic-bags inside.
 N. W.: 25kgs, Drum Size: Diameter 35cm ×Height 51cm.
 Store in a well-closed container away from moisture, light, heat, oxygen.

Shelf Life 24 months under the conditions above and in its original packaging.

Manufacturer **RD Health Ingredients Co., Ltd. Xi'an, P.R. China**