

Specifikace produktu

CERTIFICATE OF ANALYSIS

3357563725	Ashwagandha root	dry extract \geq 2,5%	Withanolides	Gravimetric
Botanic Name	Withania somnifera (L.) Dunal			
Extraction Solvent	Ethanol / Water (50/50 V/V)			
Drug Extract Ratio	5:1			
Carrier	Maltodextrin \leq 30.0			
Bulk Density	about 0,5 g/ml			
Particle size	\geq 97% thru sieve 180 - Eu.Ph (2.9.12)			

Physical and Chemical tests

<u>TEST</u>	<u>RESULTS</u>	<u>SPECIFICATIONS</u>	<u>METHODS</u>
Characters	Brownish fine powder	Brownish fine powder	Inspection
Water Solubility	n.d.	n.d.	1g/ 200cc water
Content	2,53% Withanolides	\geq 2,5% Withanolides	Gravimetric
Loss on drying	2,7%	\leq 5%	Eu- Ph (2.8.17)
Residual Solvents	complies	\leq 0,5% ethanol	Eu.Ph (2.4.24)
Heavy Metals	complies	\leq 20 ppm	Eu.Ph (2.4.8C)
Pb	complies	\leq 3 ppm	Eu.Ph (2.2.58 ICP-MS)
Cd	complies	\leq 1 ppm	Eu.Ph (2.2.58 ICP-MS)
Hg	complies	\leq 0.1 ppm	Eu.Ph (2.2.58 ICP- MS)
Benzo(a) pyrene	complies	< 10 ppb	Gas Chromatography
PAH4	complies	< 50 ppb	Gas Chromatography

Microbical contamination

Aerobic microorganism	complies	\leq 10000 c.f.u./g	Eu.Ph (2.6.12)
Moulds-Yeasts	complies	\leq 100 c.f.u./g	Eu.Ph (2.6.12)
Enterobacteriaceae	complies	\leq 100 c.f.u./g	Eu.Ph (2.6.12)
E.Coli (1g)	Absent	Absent	Eu.Ph (2.6.31)
Salmonella (25g)	Absent	Absent	Eu.Ph (2.6.31)
Staphylococcus aureus (1g)	Absent	Absent	Eu.Ph (2.6.31)

