

Specifikace produktu

CERTIFICATE OF ANALYSIS

3322854541 Saffron flower dry extract DER 4:1

Botanic Name	Crocus sativus L.
Extraction Solvent	Ethanol / Water
Drug Extract Ratio	4:1
Carrier	Maltodextrin ≤ 30.0
Bulk Density	about 0,5 g/ml
Particle size	≥ 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	Reddish brown fine powder	Reddish brown fine powder	Inspection
Water Solubility	n/a	n/a	1g/200cc water
Content	DER 4:1	DER 4:1	Intrernal
Loss on drying	3,1%	≤ 5%	Eu.Ph (2.8.17)
Residual Solvents	complies	≤ 0,5% ethanol	Eu.Ph (2.4.24)
Heavy Metals	complies	≤ 20 ppm	Eu.Ph (2.4.8C)
Pb	complies	≤ 3 ppm	Eu.Ph (2.2.58 ICP-MS)
Cd	complies	≤ 1 ppm	Eu.Ph (2.2.58 ICP-MS)
Hg	complies	≤ 0.1 ppm	Eu.Ph (2.2.58 ICP-MS)
Benzo(a) pyrene	complies	< 10 ppb	Gas Chromatography
PAH4	complies	< 50 ppb	Gas Chromatography

Microbial contamination

Aerobic microorganism	complies	≤ 10000 c.f.u./g	Eu.Ph (2.6.12)
Moulds-Yeasts	complies	≤ 100 c.f.u./g	Eu.Ph (2.6.12)
Enterobacteriaceae	complies	≤ 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)

