



Certificate of Analysis

Material Name	Milk Thistle Extract	Report No	SS-4117/87
Botanical Name	<i>Silybum marianum</i>	Production Date	11.02.2020
Party/Lot Number	SS-4159	Exp.Date	11.02.2023
Material	Herbal Extract 100%	Grade	Food
Plant of Material	Seed	Form	Powder

ANALYSIS	SPECIFICATION	TEST METHOD	RESULT
Assay	80% NLT Silymarin	HPLC	80,24%
Physical Control			
Characters/Appearance	Fine Brown Yellowish Powder	Visual	Conforms
Taste	Characteristic	Organoleptic	Conforms
Odor	Characteristic	Organoleptic	Conforms
Mesh Size/Sieve Analysis	N98% Pass 80mesh	Eu.Pharm.v.v.(2.9.12)	80mesh
Solubility	Aqua	Visual	Conforms
Loss on Drying	NMT<10.0%	Eu.Pharm.v.v.(2.8.17)	2,85
Chemical Control			
Heavy Metals	10ppm Max	Eu.Pharm.v.v.(2.4.27)	Conforms
Arsenic(As)	NMT2ppm	Eu.Pharm.v.v.(2.4.27)	Conforms
Lead(Pb)	NMT2ppm	Eu.Pharm.v.v.(2.4.27)	Conforms
Cadmium (Cd)	NMT1ppm	Eu.Pharm.v.v.(2.4.27)	Conforms
Solvent Residues:	Complies with BP	EP8.0<2.4.24> (Eu.Pharm.v.v.(2.4.24))	Conforms
Pesticide residues	Complies with BP	DFG-S19	Conforms
Aflatoxins	Complies with USP	USP39<561>	Conforms
Microbiology Control			
	Specification	Method	
Total Plate Count	Max 1000cfu/g	Eu.Pharm.v.v.(2.6.12)	<1000cfu/g
Total Yeast & Mold	Max 100cfu/g	Eu.Pharm.v.v.(2.6.12)	<100cfu/g
E.Coli	Negative	Eu.Pharm.v.v.(2.6.31)	Negative
Salmonella	Negative	Eu.Pharm.v.v.(2.6.31)	Negative
Staphylococcus	Negative	Eu.Pharm.v.v.(2.6.31)	Negative
Packing&Storage	Packed in 25kg bags inside in box.Store in a well closed container away from mouisture.		
Shelf Life	Three years if sealed and store away from direct sun light.(Temperature:15-20C)		
 		ISO 9001:2008 ISO 22701:2007 /GMP	
			
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