

Specification of Silymarin Extract

solvent:Acetone

Product: Silymarin Extract solvent:Acetone

Type: Food Grade

Package:25KG Drum

项目 Items	标准 Specification	结果 Results
使用部分: 种子(Part used:Seed)		
Assay (On Dried basis):		
Silymarin expressed as silybin stated on the label	90%-110%	101.05%
Silycristine+Silydianine(By HPLC)	20%-45%	30.73%
SilybinA+SilybinB(By HPLC)	40%-65%	54.26%
IsosilybinA+IsosilybinB(By HPLC)	10%-20%	15.01%
Spectrophotometric UV	NLT80.0%	81.20%
Particle Size	95% Pass 80mesh	Complies
Chemical & Physical control		
Identification	A:TLC B:HPLC	Complies
Appearance	Amorphous Powder	Complies
Colour	Yellowish-Brown	
Taste	Slight Characteristic	Complies
Odor	Slight Characteristic	Complies
Loss on drying	N.M.T.5.0%	2.04%
Sulphated Ash	Max.1.0%	0.20%
Solubility	in water :Practically insoluble in Methanol and Acetone :soluble	Complies Complies
Heavy metal	N.M.T.10PPM	Complies
Pesticide residues	Botanical Extracts(565)	Complies
Microbiological control		
Total plate count	N.M.T.1000cfu/g	55/gr
Yeast & mould	N.M.T.100cfu/g	25/gr
Salmonella	Absence	negative
E.coli	Absence	negative
Residue solvents:		
Acetone	Max.0.5%	0.22%
Other solvents	Max.0.05%	0.0070%

Shelf Life: 36 months

Store in tightly sealed and preferably full containers in cool, dry and ventilated area.