

Certificate Of Analysis

Product Name	Milk Thistle Extract		
Batch No.	MTE20220408		
MFG. Date	Apr.08,2022		
Expiry Date	Apr.07,2024		
Source	<i>Silybum marianum (L.) Gaertn</i>		
Used Part	Seed		
Extract Solvent	Acetone		
Non GMO	BSE/TSE Free	Non Irradiation	Allergen Free

ITEMS	SPECIFICATION	RESULTS	METHODS
Assay Data			
Silymarin	≥80%	81.20%	UV
Quality Data			
Appearance	Yellow to Yellowish-Brown Amorphous Powder	Conforms	Visual
Odor	Slight, Specific	Conforms	Organoleptic
Loss on Drying	≤5%	3.0%	5g/105°C/2hrs
Sulphated Ash	≤0.5%	0.1%	2g/525°C/2hrs
Particle Size	90% Pass 80M	Conforms	80mesh sieve
Tap Density	05.~0.8g/ml	0.7g/ml	USP <616>
Residual Solvents (N-hexane)	<290ppm	0.51ppm	USP <467>
Residual Solvents (Acetone)	<5000ppm	3016.07ppm	USP <467>
Heavy Metals	<10 ppm	Conforms	USP <231>
Lead(Pb)	<0.5 ppm	Conforms	AAS/GB 5009.12-2010
Arsenic(As)	<3.0 ppm	Conforms	AAS/GB 5009.11-2010
Cadmium(Cd)	<1.5 ppm	Conforms	AAS/GB 5009.15-2010
Mercury(Hg)	<0.1 ppm	Conforms	AAS/GB 5009.17-2010
Microbiological Data			
Total Plate Count	<1000 cfu/g	Conforms	GB 4789.2-2010
Moulds and Yeast	<100 cfu/g	Conforms	GB 4789.15-2010
E.Coli	Absence	Does not contain	GB 4789.3-2010
Salmonella	Absence	Does not contain	GB 4789.4-2010
Addition Data			
Packing	25kg/drum		
Storage	Store in a cool dry place, avoiding sunlight directly		
Shelf Life	Two Years		

