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SPECIFICATION SHEET

Product Name:	**Milk Thistle Extract**	Latin Name:	***Silybum marianum (L.)Gaertn***
Part Used:	**Seed**	Extract Solvent:	**Acetone**
Excipient Used:	**None**	Extract Ratio:	/
Representative Qty.:	**3000kg**		

ITEM		SPECIFICATIONN	STANDARD REFERENCED
Physical	Appearance	Brown-yellow powder	Visual
	Odor	Characteristic	Sensory
	Taste	Characteristic	Sensory
	Loss on drying	≤5.0%	2g/105℃/5hrs
	Sulphate ash	≤0.8%	2g/600℃/5hrs
	Particle size	98% pass 80 mesh	Sieve
Chemical	Heavy metals	≤10ppm	Atomic Absorption
	Arsenic(As)	≤2ppm	Atomic Absorption
	Lead(Pb)	≤2ppm	Atomic Absorption
	Cadmium(Cd)	≤1ppm	Atomic Absorption
	Mercury(Hg)	≤0.1ppm	Atomic Absorption
	Residue organic solvents(Acetone)	≤5000ppm	Gas Chromatography
	Residue organic solvents(Ethanol)	≤5000ppm	Gas Chromatography
	Residue organic solvents(Hexane)	≤290ppm	Gas Chromatography
Assay	Silymarin	≥80.0%	UV
Microbial	Total microbacterial count	≤1000CFU/g	CP2010
	Yeast & Mould	≤100CFU/g	CP2010
	Escherichia Coli presence	Negative	CP2010
	Salmonella	Negative	CP2010
Else	Packing	Pack in paper-drums and two plastic bag inside. Net weight: 25kg/drum	
	Storage condition	Store in a well closed place with constant low temperature and no direct sun light	
	Shelf life	Three years when properly stored.	

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by : 

Abdullah Malik (QA)