

## CERTIFICATE OF ANALYSIS

<b>Product Name:</b> Milk Thistle Extract		<b>Product Code:</b> 11071	
<b>Botanical Source:</b> <i>Silybum marianum</i> (L.) Gaertn		<b>Plant Part:</b> Fruit or Seed	
<b>Extraction Solvents:</b> Acetone		<b>Country of Origin:</b> China	
<b>Batch No:</b> 141009		<b>Production Date:</b> Oct. 09, 2014	
<b>Batch Quantity:</b> 500 kg		<b>Expiry Date:</b> Oct. 08, 2017	
Items	Specifications	Results	Methods
Appearance	Light Yellow Powder	Light Yellow Powder	Visual
Particle Size	100% Pass 80 Mesh	Confirm	CP2010
Silymarin	≥ 80.0%	81.8 %	UV
Silymarin	≥ 40.0%	42.9 %	HPLC
Silymarin	90.0% - 110.0%	107.2 %	USP35
Silydianin+Silychristin	20.0% - 45.0%	27.0 %	USP35
Silybin (A+B)	40.0% - 65.0%	60.9 %	USP35
Isosilybin (A+B)	10.0% - 20.0%	12.1 %	USP35
Loss on Drying	≤ 5.0 %	3.7 %	CP2010
Residue on Ignition	≤ 0.5 %	0.2 %	CP2010
Heavy Metals	≤ 10 ppm	< 10 ppm	USP35
Arsenic	≤ 2 ppm	Confirm	USP35
Lead	≤ 3 ppm	Confirm	USP35
Mercury	≤ 0.1 ppm	Confirm	USP35
Cadmium	≤ 1 ppm	Confirm	USP35
<b>Microbial Analysis</b>			
Total Plate Count	≤ 1000 cfu/g	< 10 cfu/g	CP2010
Yeast and Mold	≤ 100 cfu/g	< 10 cfu/g	CP2010
Escherichia Coli.	Negative	Negative	CP2010
Salmonella	Negative	Negative	CP2010
<b>Package &amp; Storage</b>			
Package	25 kg/drum	Shelf Life	3 Years
Storage	Store in a Cool, Dry Place and Keep Away from Direct Light.		

Reported by 林巧

Approved by 方小萍