



西安锐博生物科技有限公司
Xi'an Rainbow Biotech Co.,Ltd

Certificate of Analysis

Product Name: Milk Thistle Extract	Batch Number: SFJ20230705
Latin Name: <i>Silybum marianum (L.) Gaertn</i>	Test Date: 20230712
Part Used: Seed	Manufacture Date: 20230705
Quantity: 500KG	Expiry Date: 20250704

ITEM	SPECIFICATION	RESULT
Assy of Silymarin	NLT80%	81.3% (UV)
Description :		
Appearance	Yellowish-Brown powder	Complies(Organoleptic)
Odor	Characteristic	Complies(Organoleptic)
(Soluble in Methanol and Acetone,Practically Insoluble in water)		
Particle Size	NLT 90% pass 80 mesh	Complies(80 mesh screen)
Physical :		
Loss on drying	≤5.00%	4%(2 Hours 105 °C)
Total Ash	≤0.45%	Complies(CP2020)
Chemical :		
Heavy metals	< 20ppm	Complies (ICP-MS)
Lead	< 0.5ppm	Complies (ICP-MS)
Arsenic	< 3ppm	Complies (ICP-MS)
Cadmium	< 1.5ppm	Complies (ICP-MS)
Mercury	< 0.1ppm	Complies (ICP-MS)
Microbial :		
Total microbacterial count	≤1,000cfu/g	Complies (AOAC)
Total Yeast & Mold	≤100cfu/g	Complies (AOAC)
Salmonella	Negative	Negative (AOAC)
E.Coli	Negative	Negative (AOAC)

Packing & Storage:

Packed in paper-drums and two plastic-bags inside.N.W.:25kg, I.D.:31cm×H51cm
Store in a well-closed container Away from moisture.

QC: Shifu Lei 2023.07.12

QA: Tao Ye 2023.07.12

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