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XI'AN BEST BIO-TECH CO., LTD.

CERTIFICATE OF ANALYSIS

Product Name	Mulberry Leaf Extract DNJ 1%		
Batch Number	BH230607SY	Quantity	1000KG
Manufacture Date	2025-03-07	Analysis Date	2025-03-08
Used Part	Leaf	Expiry Date	2027-06-06

Items	Standards	Results	Method
Physical and chemical analysis:			
Description	Brown fine powder	Qualified	Visual
Identification	Mulberry leaf	Qualified	TLC
Assay	DNJ $\geq$ 1%	1.24%	HPLC
Mesh Size	100% pass100 mesh	Qualified	CP2010
Ash Content	$\leq$ 5%	2.43%	CP2010
Loss on Drying	$\leq$ 5%	3.64%	CP2010
Density	0.25-0.30kg/dm ³	0.27dm ³	GB/T 5009.13-2003
Residue analysis:			
Heavy Metal	$\leq$ 10ppm	Qualified	CP2010
Pb	$\leq$ 1ppm	Qualified	GB/T 5009.12-2010
As	$\leq$ 1ppm	Qualified	GB/T 5009.11-2014
Hg	$\leq$ 0.1ppm	Qualified	GB/T 5009.15-2014
Cd	$\leq$ 1ppm	Qualified	GB/T 5009.17-2014
Pesticides Residue	Meet USP Requirements	Qualified	USP34 <561>
Microbiological:			
Total Plate Count	$\leq$ 1,000cfu/g	100cfu/g	ISO 4833-1
Yeast&Mold	$\leq$ 100cfu/g	<10cfu/g	ISO 21572:2008
E.coil	Not Detected	Not Detected	ISO 16649-2:2001
Salmonella	Not Detected	Not Detected	ISO 6579:2002
Staphylococcus	Negative	Conforms	USP <2021>
General Status:			
GMO Free	Complies	Complies	
Non-Irradiation	Complies	Complies	
General Information:			
Conclusion	Conform to specification.		
Packing	Packed in paper-drums and two plastic-bags inside. N.W:25kgs		
Storage	Keep in cool & dry place. Keep away from strong light and heat.		
Shelf life	24 months under the conditions above and in its original packaging.		
Sterilization	High temperature.		

Tested by: Tony Liu

Approved by: Mike He

Certified by: Albert Li

