



CERTIFICATE OF ANALYSIS

Product Name	Goji Berry Extract	Batch Number	20230408
Botanical Source	Lycium barbarum L	Used Part	Berry
Manufacture Date	2023-04-08	Expiry Date	2026-04-07
Extract Ratio	10:1		

Analysis Item	Specification	Result	Method
Physical & Chemical Data			
Appearance	Brown yellow to reddish brown fine powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
Identification	Positive	Conforms	TLC
Loss on Drying	≤8.0%	3.25%	EP 7.0
Residue on Ignition	≤5.0%	1.23%	EP 7.0
Mesh Size	NLT 95% pass through 80mesh	Conforms	USP 36
Bulk Density	0.35~0.65g/ml	0.58g/ml	EP 7.0
Pesticides Residue	Conform to (EC) No. 396/2005	Conforms	(EC) No. 396/2005
PAH4	≤50ppb	Conforms	(EC) No. 1933/2015
Benzo(α)Pyrene	≤10ppb	Conforms	(EC) No. 1933/2015
Heavy Metals			
Heavy Metals	≤10ppm	<10ppm	EP 7.0
Lead (Pb)	≤3ppm	<1ppm	EP 7.0
Arsenic (As)	≤1ppm	<1ppm	EP 7.0
Cadmium (Cd)	≤1ppm	<1ppm	EP 7.0
Mercury (Hg)	≤0.1ppm	<0.1ppm	EP 7.0
Microbiology			
Total Plate Count	≤10,000cfu/g	<5,000cfu/g	USP36
Total Yeast & Mold	≤500cfu/g	<300cfu/g	USP36
Escherichia Coli	Negative	Conforms	USP36
Salmonella	Negative	Conforms	USP36
Staphylococcus Aureus	Negative	Conforms	USP36