

CERTIFICATE OF ANALYSIS

Product Name	Picrorhiza kurroa Extract 10:1	Batch No.	HHL202505132
Botanical Source	Picrorhiza kurroa	Manufacturing Date	March 13, 2024
Sterilization Method	Heat NON-IRR	Expiration Date	March 12, 2027
Part Used	Rhizoma (100% Natural)	Appearance	Brown Yellow Fine Powder
		Solvents Used	Water

Items	Specification	Result	Method
Ratio	10:1	10:1	Calculation
Identification	Correspond to standard	Conform	TLC USP<201>
Physical Characteristics			
Particle Size	NLT 95% Through 80 mesh	Conform	Analytical sieving USP <786>
Loss on Drying	NMT 5.00%	4.08%	USP <731>
Sulphated Ash	NMT 5.00%	1.58%	USP <561>
Chemical Characteristics			
Pesticide Residue	Meet the requirements	Conform	GC USP <561>
Heavy Metals(as Pb)	NMT 10ppm	Conform	USP <231> Method II
Arsenic (As)	NMT 2ppm	0.3099ppm	ICP-MS USP <233>
Lead (Pb)	NMT 3ppm	0.1606ppm	ICP-MS USP <233>
Cadmium (Cd)	NMT 1ppm	0.0704ppm	ICP-MS USP <233>
Mercury (Hg)	NMT 1ppm	Not Detected	ICP-MS USP <233>
Microbiological Characteristics			
Total Plate Count	NMT 10,000cfu/g	375cfu/g	USP<2021>
Total Yeast & Mold	NMT 1,000cfu/g	25cfu/g	USP<2021>
E. Coli	Not Detected in(g) 10	Not Detected	USP<2022>
Salmonella	Not Detected in(g) 25	Not Detected	USP<2022>
Staphylococcus	Not Detected in(g) 10	Not Detected	USP<2022>