



CERTIFICATE OF ANALYSIS

Product Name:	Organic Valerian Extract Powder	Country of Origin:	China
Botanical Name:	<i>Valerianaofficinalis</i> L.	Batch Number:	KHNF 230609
Plant Part Used:	Root	Manufacture Date:	JUN, 09, 2023
Quantity:	500kg	Expiry Date:	JUN. 08, 2025
ITEM	SPECIFICATION	RESULTS	TESTING METHOD
PHYSICAL CONTROL			
Assay	Valeric Acid 0.8%	Complies	HPLC
Appearance	Brown powder	Complies	Organoleptic
Odor	Characteristic	Complies	Organoleptic
Sulphated Ash	≤5%	2.24%	Eur.Ph. <2.4.16>
Loss on drying	≤5%	3.21%	Eur.Ph. <2.8.17>
Sieve Analysis	98% pass 80 mesh	Complies	Eur.Ph. <2.9.12>
Bulk density	0.40g-0.65g /ml	0.42g/ml	Eur.Ph. <2.9.34>
CHEMICAL CONTROL			
Heavy Metals	≤10ppm	Complies	Eur.Ph. <2.2.58>ICP-MS
Arsenic(As)	≤2 ppm	Complies	Eur.Ph. <2.2.58>ICP-MS
Solvents Residue	Meet Eur.Ph. <2.4.24	Complies	Eur.Ph. <2.4.24>
Pesticides Residue	Meet Eur.Ph. <2.8.13>	Complies	Eur.Ph. <2.8.13>
MICROBIOLOGY CONTROL			
Total Plate Count	≤1000 cfu/g	Complies	Eur.Ph. <2.6.12>
Yeast & Mold	≤100 cfu/g	Complies	Eur.Ph. <2.6.12>
E.Coli	Negative	Complies	Eur.Ph. <2.6.13>
Salmonella	Negative	Complies	Eur.Ph. <2.6.13>
CONCLUSION	Conform with specification		
Storage	Stored in dry and cool place, keep away from strong light and heat.		
Packing	25kg/barrel, double plastic-bag inside, fiber drum outside,		
Shelf life	Two years when properly stored		

Zhou Xiaodan

Quality Assurance Officer



Lu Jun

Quality Control