

CERTIFICATE OF ANALYSIS

Product Name:	Beet root extract powder	Country of Origin:	China
Botanical Name:	<i>Beta vulgaris L.</i>	Batch Number:	KHTC220603
Plant Part Used:	Root	Manufacture Date:	Jun, 03, 2022
Quantity:	500kg	Expiry Date:	Jun. 02, 2024
ITEM	SPECIFICATION	RESULTS	TESTING METHOD
PHYSICAL CONTROL			
Assay	Betaine $\geq 98\%$	98.4%	HPLC
Appearance	White to off-white Fine Powder	Complies	Organoleptic
Odor	Characteristic	Complies	Organoleptic
Sulphated Ash	$\leq 1\%$	0.005%	Eur.Ph. <2.4.16>
Loss on drying	$\leq 2\%$	0.14%	Eur.Ph. <2.8.17>
Sieve Analysis	98% pass 80 mesh	Complies	Eur.Ph. <2.9.12>
CHEMICAL CONTROL			
Heavy Metals	$\leq 5\text{ppm}$	Complies	Eur.Ph. <2.2.58>ICP-MS
Arsenic(As)	$\leq 0.5\text{ ppm}$	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	$\leq 1000\text{ cfu/g}$	Complies	Eur.Ph. <2.6.12>
Yeast & Mold	$\leq 100\text{ cfu/g}$	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