

CERTIFICATE OF ANALYSIS

Product Name:	Elderberry powder	Country of Origin:	China
Botanical Name:	<i>Sambucus nigra</i> Linn.	Batch Number:	KHJG220417
Plant Part Used:	Fruit	Manufacture Date:	Apr, 17, 2022
Quantity:	1200kg	Expiry Date:	Apr. 16, 2024
ITEM	SPECIFICATION	RESULTS	TESTING METHOD
PHYSICAL CONTROL			
Assay	Anthocyasides $\geq 25\%$	27.4%	UV
Appearance	Dark Purple red powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Tasted	Characteristic	Complies	Organoleptic
Loss on drying	$\leq 5.0\%$	3.78%	CPh
Sulphated Ash	$\leq 5.0\%$	2.12%	CPh
Sieve Analysis	98% pass 80 mesh	Complies	80 Mesh Screen
CHEMICAL CONTROL			
Heavy Metals	$\leq 10\text{ppm}$	Complies	AOAC985.01, 16th
Arsenic(As)	$\leq 2 \text{ ppm}$	Complies	AOAC985.01, 16th
Pb	$\leq 2 \text{ ppm}$	Complies	AOAC985.01, 16th
Cd	$\leq 1\text{ppm}$	Complies	AOAC985.01, 16th
Hg	$\leq 0.1\text{ppm}$	Complies	AOAC985.01, 16th
Solubility	Solubility in water	Complies	Visual
MICROBIOLOGY CONTROL			
Total of bacteria	$\leq 1000 \text{ cfu/g}$	Complies	CPh
Yeast & Mold	$\leq 100 \text{ cfu/g}$	Complies	CPh
E.Coli	Negative	Complies	CPh
Salmonella	Negative	Complies	CPh
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