

**KS****Nutripharma****陕西康盛生物技术有限公司****SHAANXI KINGSCI BIOTECHNOLOGY CO., LTD.**

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Certificate of Analysis

Product Name	Elderberry P.E	Latin name	Sambucus williamsii Hance
Batch No.	Ks210321	Manufacturing Date	2021-03-21
Butch Quantity	300kg	Expiration Date	2023-03-21

Item	Specification	Result	Method
Maker Compounds	Anthocyanin $\geq$ 25%	$\geq$ 25.16	UV
Appearance	Amorphous powder	Conforms	Visual
Color	purple-red	Conforms	Visual
Part Used	Fruit	Conforms	
Extract Solvent	Ethanol & Water	Conforms	
Physical Characteristics			
Particle Size	98%Through 80 mesh	Conforms	
Loss on Drying	$\leq$ 5.0%	4.62%	CP2010Appendix IX G
Ash content	$\leq$ 5.0%	3.91%	CP2010Appendix IX K
Bulk Density	40-60g/100ml	54g/100ml	
Heavy metals			
Total Heavy Metals	$\leq$ 10ppm	Conforms	Atomic Absorption
Pb	$\leq$ 2 ppm	Conforms	Atomic Absorption
As	$\leq$ 1 ppm	Conforms	Atomic Absorption
Hg	$\leq$ 0.5 ppm	Conforms	Atomic Absorption
Microbiological Tests			
Total Plate Count	$\leq$ 5000cfu/g	Conforms	AOAC
Total Yeast & Mold	$\leq$ 300cfu/g	Conforms	AOAC
E.Coli	Negative	Negative	AOAC
Salmonella	Negative	Negative	AOAC
Staphylococcus	Negative	Negative	AOAC
Expiration Date	2 Years When Stored properly		
Packing and Storage	Inside: double-deck plastic bag. & Leave in the shady and cool dry place.		

Standard: Complies with the enterprise standardQC: LijiaQA: Liyaqiang