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Nutripharma

陕西康盛生物技术有限公司

SHAANXI KINGSCI BIOTECHNOLOGY CO., LTD.

Add: Rm 801-802 Fuedun International Fortune Center, Wenjing Rd, Xi'an 710018 China

Tel: 029-86181961

Fax: 029-86181551

www.kingsci.com

Certificate of Analysis

Product Name	Elderberry P.E.	Botanical Source	Sambucus williamsii Hance
Batch No.	KS20210506	Manufacturing Date	May 06, 2021
Quantity	1000kg	Test Date	May 07, 2021
Form	Powder	Expiration Date	May 05, 2023

Item	Specification	Result	Test Method
Maker Compounds	Anthocyanin $\geq 25.0\%$	25.16%	UV (EP STANDARD)
Organoleptic			
Appearance	Powder	Conforms	Visual
Color	Atropurpleus	Conforms	Visual
Part Used	Fruit	Conforms	
Extract Solvent	Ethanol & Water	Conforms	
Physical Characteristics			
Particle Size	100% Through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	$\leq 5.0\%$	3.59%	CP2010 Appendix IX G
Ash content	$\leq 5.0\%$	4.21%	CP2010 Appendix IX K
Bulk Density	40-60g/100ml	55g/100ml	
Heavy metals			
Total Heavy Metals	$\leq 10\text{ppm}$	Conforms	Atomic Absorption
Pb	$\leq 2\text{ ppm}$	Conforms	Atomic Absorption
Cl	$\leq 1\text{ ppm}$	Conforms	Atomic Absorption
As	$\leq 2\text{ppm}$	Conforms	Atomic Absorption
Microbiological Tests			
Total Plate Count	$\leq 1000\text{cfu/g}$	Conforms	AOAC
Total Yeast & Mold	$\leq 100\text{cfu/g}$	Conforms	AOAC
E.Coli	Negative	Negative	AOAC
Salmonella	Negative	Negative	AOAC
Staphylococcus	Negative	Negative	AOAC
Expiration	2 Years When Stored properly		
Packing and Storage	Inside: Plastic bag, Outside: Neutral cardboard barrel & Leave in the shady and cool dry place.		
QC	Qu Jiaojiao	QA	Li Yaqiang