



Xi'an Green Spring Technology Co.,Ltd

Certificate of Analysis

Product Name:	Bilberry Extract	Batch Number	20230424GS
Botanical Source:	<i>Vaccinium Myrtillus</i>	Manufacture Date:	Apr.24,2023
Plant Part Used:	Berry	Analysis Date:	Apr.27,2023
Quantity:	450kgs	Expire Date:	Apr.23,2025

ITEM	STANDARD	TEST RESULT	TEST METHOD
Anthocyanidins	≥25.0%	25.32%	UV
Anthocyanins	≥36.0%	36.12%	HPLC
Physical & Chemical			
Appearance	Dark-Violet Fine Powder	Complies	Visual
Odor & Taste	Characteristic	Complies	Organoleptic
Particle Size	95% pass 80 mesh	Complies	USP<786>
Bulk Density	40-60g/100ml	41g/100ml	USP<616>
Loss on Drying	≤5.0%	3.51%	USP<731>
Ash	≤5.0%	3.34%	USP<281>
Extraction Solvent	Ethanol & Water	Complies	—
Heavy Metal			
As	≤2.0 ppm	<2.0ppm	ICP-MS
Pb	≤2.0 ppm	<2.0ppm	ICP-MS
Cd	≤1.0 ppm	<1.0ppm	ICP-MS
Hg	≤0.1ppm	<0.1ppm	ICP-MS
Microbiological Test			
Total Plate Count	≤1,000cfu/g	Complies	AOAC
Yeast & Mold	≤100cfu/g	Complies	AOAC
E.Coli	Negative	Negative	AOAC
Salmonella	Negative	Negative	AOAC
Staphylococcus aureus	Negative	Negative	AOAC
Conclusion	Conforms with specification, Non-GMO, Allergen Free, BSE/TSE Free.		
Storage	Stored in cool and dry places. Keep away from strong light and heat.		
Packing	By 25kgs/Drum, inner by plastic bag.		
Shelf Life	24 months under the above condition, and in it's original package.		

Quality Assurance: Liang Yan

