

Certificate of Analysis

Product Name:	Bilberry Extract		
Botanic Name:	<i>Vaccinium myrtillus L</i>	Part Used:	Berry
Batch No.:	KS210301	Manufacture Date:	Mar. 02, 2021
Quantity:	200KGs	Analysis Date:	Mar. 03, 2021
Expiry Date:	Mar. 02, 2023		
Item	Specification	Result	Method
Maker Compounds	anthocyanidin $\geq 25.0\%$	25.01%	UV
Organoleptic			
Appearance	Fine Powder	Conforms	Visual
Color	Purple black	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Organoleptic
Extract Solvent	Ethanol & Water		
Physical Characteristics			
Particle Size	98% Through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	$\leq 5.0\%$	4.61%	CP2010 Appendix IX G
Ash content	$\leq 5.0\%$	3.41%	CP2010 Appendix IX K
Bulk Density	40-60g/100ml	49g/100ml	
Heavy metals			
Total Heavy Metals	$\leq 10\text{ppm}$	Conforms	Atomic Absorption
Pb	$\leq 2\text{ ppm}$	Conforms	Atomic Absorption
As	$\leq 1\text{ ppm}$	Conforms	Atomic Absorption
Hg	$\leq 0.5\text{ppm}$	Conforms	Atomic Absorption
Microbiological Tests			
Total Plate Count	$\leq 5000\text{cfu/g}$	Conforms	AOAC
Total Yeast & Mold	$\leq 300\text{cfu/g}$	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. Outside: Neutral cardboard barrel & Leave in the shady and cool dry place.		

QC: MaQiang

QA: HeHui

