

## Certificate of Analysis

Product Name	Bilberry extract	Batch Number	YG210624-10
Plant Latin name	<i>Vaccinium uliginosum L.</i>	Manufacture Date	20210518
Used part	Fruit	Analysis Date	20210520
Quantity	58kg	Expiry Date	20230517

ITEMS	SPECIFICATION	RESULTS	TEST METHODS
<b>Assay</b>			
Anthocyanidins	25%	25.12%	UV
<b>Description</b>			
Appearance	Dark purple fine powder	Complies	Organoleptic
Odor	Characteristic	Complies	Organoleptic
Tasted	Characteristic	Complies	Organoleptic
Particle size	100% pass 80 mesh	Complies	80 Mesh Screen
<b>Chemical</b>			
Loss on drying	≤5.0%	4.11%	GB5009.3
Ash	≤5.0%	3.50%	GB5009.3
<b>Heavy Metal</b>			
Heavy Metal	≤10ppm	Complies	GB/T5009
Arsenic (As)	≤1ppm	Complies	GB/T5009
Pb	≤1ppm	Complies	GB/T5009
Cd	≤1ppm	Complies	GB/T5009
Hg	≤0.1ppm	Complies	GB/T5009
<b>Microbiology</b>			
Total of bacteria	≤1,000cfu/g	Complies	GB4789
Total Yeast & Mold	≤100cfu/g	Complies	GB4789
Salmonella	Negative	Complies	GB4789
E. Coli	Negative	Complies	GB4789
Staphylococcus aureus	Negative	Complies	GB4789
Conclusion	Conform with specification		
Packing	25kg/ Fibre Drum		
Storage	Store in sealed containers at cool & dry place. Protect from light, moisture and pest infestation.		
Shelf life	2 years when properly stored		