



SPECIFICATION

Created Date 2024.11.17 Review Date 2024.11.17 Review By: Grace Version No:01

Product name: European Bilberry Extract			
Botanical Name	Vaccinium myrtillus L.	Part	Fruit
Origin	China	Source	Plant
Extract Solvent	Ethanol & Water		
Item	Standard		Analysis Method
Appearance	Dark Violet Fine Powder		Visual
Odor & Taste	Characteristic		Organoleptic
Identification	Positive		HPTLC
Typical Analysis			
Anthocyanidins	≥25%		UV
Anthocyanins	≥36%		HPLC
Free Anthocyanidins	≤5.0%		HPLC
Particle Size	NLT 95% through 80 mesh		Mesh screen
Loss on drying	≤5.0%		105°C/Oven
Ash	≤2.0%		GB/T 5492-2008
Bulk Density	30.0 ~ 60.0g/100ml		Density meter
Heavy Metals			
Heavy metals	≤ 10ppm		ICP-MS
Arsenic (As)	≤ 1.0ppm		ICP-MS
Lead (Pb)	≤ 3.0ppm		ICP-MS
Cadmium (Cd)	≤ 1.0ppm		ICP-MS
Mercury (Hg)	≤ 0.1ppm		ICP-MS
Microorganism			
Total Bacterial Count	<10000cfu/g		GB4789.2
Total Molds Count	<1000cfu/g		GB4789.15
Staphylococcus aureus	Negative		GB4789.10
Salmonella	Negative		GB4789.4
E. Coli	Negative		GB4789.3
Package	N.W. 25Kgs/fiber drum and two plastic bags inside.		
Shelf life	3 Year When Properly Stored		
Storage	Store in well-closed container at room temperature, protect from light, moisture and pest infestation.		
Sterilization Method	High-temperature sterilization, Non-irradiated, None-GMO, Non-Allergens, Non-Gluten.		