



Certificate of Analysis

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Product information		Batch information	
Product name	Bilberry Extract	Batch no.	B001.S36200.G0519.170806
Botanical name	Vaccinium myrtillus L.	Production date	2017-08-06
OHI product code	B001.S36200	Analysis date	2017-08-06
Plant part	Berry	Re-test date	2019-08-05
Country of origin	P.R.CHINA		

Analysis item	Specification	Result	Analysis test method
Assay	25% Anthocyanidins 36% Anthocyanosides	25.30% 37.30%	UV-VIS HPLC
Organoleptic properties			
Appearance ¹	Fine Dark violet powder	Conform to specification	Visual
Taste	Typical to botanical	Conform to specification	Gustatory
Odor	Typical to botanical	Conform to specification	Olfactory
Physical properties			
Sieve analysis	90% pass 80 mesh	Conform to specification	Mesh screen or equivalent
Moisture content	≤5%	1.60%	IR balance or equivalent
Ash	≤5%	0.50%	2g/525°C/5hrs or equivalent
Heavy metals ²			
Arsenic (As)	≤ 1 ppm	Conform to specification	AA or equivalent
Cadmium (Cd)	≤ 1 ppm	Conform to specification	AA or equivalent
Lead (Pb)	≤ 3 ppm	Conform to specification	AA or equivalent
Mercury (Hg)	≤ 0.1 ppm	Conform to specification	AA or equivalent
Total heavy metals	≤ 10 ppm	Conform to specification	Colorimetry or equivalent
Microbiology			
Total plate count	≤1000cfu/g	Conform to specification	AOAC or equivalent
Yeasts & Molds	≤1000cfu/g	Conform to specification	AOAC or equivalent
Salmonella	Absent/10g	Conform to specification	AOAC or equivalent
E.Coli	Absent/1g	Conform to specification	AOAC or equivalent
Sterilization method	High Temperature & High Pressure Short time (5" - 10")		
Identification	Positive	Conform to specification	TLC
Additional information			

Approved by QA Department Organic Herb Inc.

Re-test date 24 months from production date in original packaging and qualified storage conditions.

Storage Store product in tightly sealed containers in dry and dark environment at room temperature.

Avoid exposure to air pollution, heat, sunshine and moisture. Reclose containers tightly after use.

¹ This is a natural product; color variations may appear between extraction batches due to crop, harvest and seasonal fluctuations.

² Individual and total heavy metals are not being tested for each batch. Random analyses are being regularly performed minimum once a year.

This datasheet is in compliance with USA and EU food regulations.

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