



TAMAQUA PA 18252

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CERTIFICATE OF ANALYSIS

IDENTIFICATION

Product Name: **Bilberry Fruit Extract Powder 4:1**
 Botanical Name: **Vaccinium Myrtillus**
 Origin: **Ecuador**
 Part Used: **Fruit**

ANALYSIS

SPECIFICATION

RESULT

TEST

Description	Powder	Powder	Visual
Identification	Positive	Conform	TLC
Color	Purple	Purple	Visual
Taste	Characteristic	Characteristic	Organoleptic
Odor	Characteristic	Mild Sweet	Organoleptic
Loss on Drying	≤5.0%	5.0%	AOAC
Heavy Metals	NMT 10ppm	<10ppm	ICP-MS
	(Pb)	≤3ppm	0.87ppm
	(As)	≤1ppm	0.41ppm
Carriers	Maltodextrin		
Extract Solvent	Water		
Mesh Size	NLT 95% through USS 60		

FRUIT STRENGTH

Extract Ratio 4:1 (Parts of Botanical: Parts of native extract)

MICROBIOLOGICAL

Total Plate Count	≤40,000cfu/g	25,000cfu/g	USP <2021>
Yeast	≤1,000cfu/g	100cfu/g	USP <2021>
Mold	≤1,000cfu/g	100cfu/g	USP <2021>
Coliforms	≤100cfu/g	<100cfu/g	FDA BAM
E. coli	Absent/10g	Absent/10g	USP <2021>
Salmonella	Negative/25g	Negative/25g	AOAC 998.09

Storage:

Store in a tightly, sealed container in a cool and dry area.
 Keep away from strong light and heat.
 This product is Non-GMO.
 This product is not treated with ETO, nor Gamma Irradiation.