

CERTIFICATE OF ANALYSIS**IDENTIFICATION**

Product Name: Birch Powder Extract 4:1
Botanical Name: Betula Pendula
Part Used: Bark
Origin: USA

ANALYSIS**SPECIFICATION****RESULT****TEST**

Description	Powder	Powder	Visual
Identification	Positive	Conform	Visual
Color	Brown	Brown	Visual
Taste	Characteristic	Conform	Organoleptic
Odor	Characteristic	Conform	Organoleptic
Moisture	8.0% Max	7.10%	AOAC
Heavy Metals	≤5ppm	<15ppm	ICP/MS
(Pb)	≤3ppm	0.701ppm	
(As)	≤2ppm	0.145ppm	
Method of Extraction	Ethanol-Water		
Mesh Size	100% through USS 60 mesh		

EXTRACTION STRENGTH

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

MICROBIOLOGICAL

Total Plate Count	≤120,000cfu/g	75,000cfu/g	USP <2021>
Yeast	≤1,000cfu/g	100cfu/g	USP <2021>
Mold	≤1,000cfu/g	150cfu/g	USP <2021>
Coliforms	≤100cfu/g	100cfu/g	AOAC 991.14
E. coli	Absent/10g	Absent/10g	USP <2021>
Salmonella	Negative	Negative	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 is it Gamma irradiated.