



TAMAQUA PA 18252

www.amazondiscovery.com

PHONE: 570-497-8007 FAX: 507-497-8007 E-MAIL: info@amazondiscovery.com

CERTIFICATE OF ANALYSIS

IDENTIFICATION

Product Name: Pine Bark Extract Powder >95% *Proanthocyanidins*
Botanical Name: Pinus Massoniana lamb
Part Used: Bark
Origin : China

ANALYSIS

SPECIFICATION

RESULT

TEST

Description	Powder	Powder	Visual
Identification	Positive	Conform	HPTLC
Color	Red Brown	Reddish Brown	Visual
Taste	Acerbity Taste	Conform	Organoleptic
Odor	Light Smell	Conform	Organoleptic
Bulk Density	40-60g/100ml	-	CP2010
Moisture	≤5.0%	4.75%	-
Heavy Metals	≤8.0 ppm	<8.0ppm	ICP-MS
	(Pb)	≤3ppm	0.67ppm
	(As)	≤2ppm	0.5ppm
	(Cd)	≤1ppm	0.09ppm
	(Hg)	≤0.5ppm	0.05ppm
Aflatoxin	≤0.2ppb	Conform	
Extraction Solvents	Grain Alcohol-Water System		
Mesh Size	>90% through USS 80 mesh		

Phytochemicals

Proanthocyanidins NLT 95% 95.15% UV
Extract ratio 100:1 (Parts of Botanical: Parts of native extract)

Microbiological

Total Plate Count	<10,000cfu/g	10,000cfu/g	FDA BAM 8th
Yeast	<1,000cfu/g	100cfu/g	FDA BAM 8th
Mold	<1,000cfu/g	100cfu/g	FDA BAM 8th
Coliforms	<10cfu/g	<10cfu/g	AOAC 991.14
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 is it Gamma irradiated.