

CERTIFICATE OF ANALYSIS

Product Name	Pine Bark P. E.	Botanical Source	<i>Pinus pinaster</i>
Used Part	Bark (Dried, 100% Natural)	Solvent Used	Grain Alcohol
Batch Number	PBE- 150729	Manufacture Date	Jul.29,2015
Batch Quantity	550kgs	Expiry Date	Jul.28,2017

ITEMS	STANDARDS	RESULTS	METHODS
OPC	NLT 95.0%	96.23%	UV-VIS
Appearance	Red Brown powder	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Organoleptic
Particle Size	100% pass 80 mesh	Conforms	80 Mesh Screen
Moisture	NMT5.0%	2.56%	5g / 105C / 5hrs
Ash	NMT5.0%	2.48%	2g / 525C / 5hrs
Heavy metals	NMT10ppm	Conforms	Atomic Absorption
As	NMT 1ppm	Conforms	Atomic Absorption
Pb	NMT2ppm	Conforms	Atomic Absorption
Cd	NMT1ppm	Conforms	Atomic Absorption
Hg	NMT 0.1ppm	Conforms	Atomic Absorption
Total Plate count	NMT10000cfu/g	Conforms	CP2010
Yeast & Mold	NMT1000cfu/g	Conforms	CP2010
E. Coli	Negative	Negative	CP2010
P.aeruginosa	Negative	Negative	CP2010
S. Aureus	Negative	Negative	CP2010
Staphylococcus	Negative	Negative	CP2010
Salmonella	Negative	Negative	CP2010

Storage	Store in a well-closed container away from moisture.
Packing	Pack in paper-drums and two plastic-bags inside.

This is a computer generated report and is valid without signatures.