

CERTIFICATE OF ANALYSIS

Product and Batch Information

Product Name:	Polyporus Umbellatus Extract(Polyporus Extract)	Country of Origin:	China
Latin Name:	<i>Grifola Umbellata</i>	Active Ingredient:	Polysaccharides
Plant Part Used:	Mycelium (Dried, 100% Natural)	Manufacture Date:	October 16, 2020
Batch:	PUE-201016	Analysis Date:	October 17, 2020
Quantity:	300kg	Report Date:	October 21, 2020

Analysis Item	Specification	Result	Test Method
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Assay:	NLT 40% Polysaccharides	40.44%	UV
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Physical Control

Appearance :	Fine brown yellow powder	Conforms	Visual
Odor :	Characteristic	Conforms	Organoleptic
Taste:	Characteristic	Conforms	Organoleptic
Sieve Analysis :	NLT 95% pass 80 mesh	Conforms	80 Mesh Screen
Type of Extraction:	Pure water	Conforms	\
Solubility:	Soluble in water	Conforms	Visual
Moisture Content:	NMT 8.0%	3.63%	5g / 105C /4hrs
Ash:	NMT 8.0%	3.11%	2g / 525C / 3hrs
Irradiation Status:	Non Irradiated	Irradiation Free	\

Chemical Control

Arsenic (As):	NMT 1ppm	Conforms	Atomic Absorption
Cadmium(Cd):	NMT 1ppm	Conforms	Atomic Absorption
Lead (Pb):	NMT 3ppm	Conforms	Atomic Absorption
Mercury(Hg):	NMT 0.1ppm	Absent	Atomic Absorption
Heavy Metals :	NMT 10ppm	Conforms	Atomic Absorption

Microorganism Control

Total Plate Count:	NMT 10000cfu/g	Conforms	AOAC/Petrifilm
P.aeruginosa:	Absent	Absent	AOAC/BAM
S. aureus:	Absent	Absent	AOAC/BAM
Salmonella:	Absent	Absent	AOAC/ Neogen Elisa
Yeast & Mold :	NMT 300cfu/g	Conforms	AOAC/Petrifilm
E.Coli :	Negative	Conforms	AOAC/Petrifilm
Staphylococcus:	Negative	Conforms	AOAC/Petrifilm
Aflatoxins:	NMT 0.2ppb	Conforms	HPLC

Packing and Storage

Packing:	Pack in paper-drums and two plastic-bags inside. Net Weight: 25kg/drum.
Storage:	Store in a well-closed place with constant low temperature and no direct sun light
Shelf Life:	2 years .
Expiration Date:	October 15, 2022