

PRODUCT SPECIFICATION

LIGNO™ TM02 Freeze Dried Powder

Scientific Name	:	Lignosus rhinocerus cultivar TM02
Common Name	:	Tiger Milk Mushroom; Cendawan Susu Harimau; 虎乳芝
Part	:	Sclerotia
Shelf Life	:	3 years

Test Parameter	Method/Reference	Specification
Physical Properties		
Color		Light brown
Odor	In-house	Characteristic
Flavor		Characteristic
Form/Texture		Fine Powder
pH		5.5 -6.5
Moisture Content		< 10%
Heavy Metal		
Lead (Pb)		≤ 10 ppm
Mercury (Hg)	AOAC	≤ 0.5 ppm
Arsenic (As)		≤ 5 ppm
Cadmium (Cd)		≤ 0.3 ppm
Microbial Limit Tests		
Total Aerobic Plate Count		≤ 2 x 10 ⁴ cfu/g
Yeast & Mold		≤ 2 x 10 ² cfu/g
Enterobacteria and certain other Gram -ve bacterial	BP2002	≤ 2 x 10 ² cfu/g
Salmonella		Absent in 10 g
Escherichia coli		Absent in 1 g
Staphylococcus aureus		Absent in 1 g

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No.1, Jalan Perindustrian Balakong Jaya 2/2, Taman Perindustrian Balakong Jaya 2, 43300 Balakong Jaya, Selangor, Malaysia.

HPLC Profiling Test

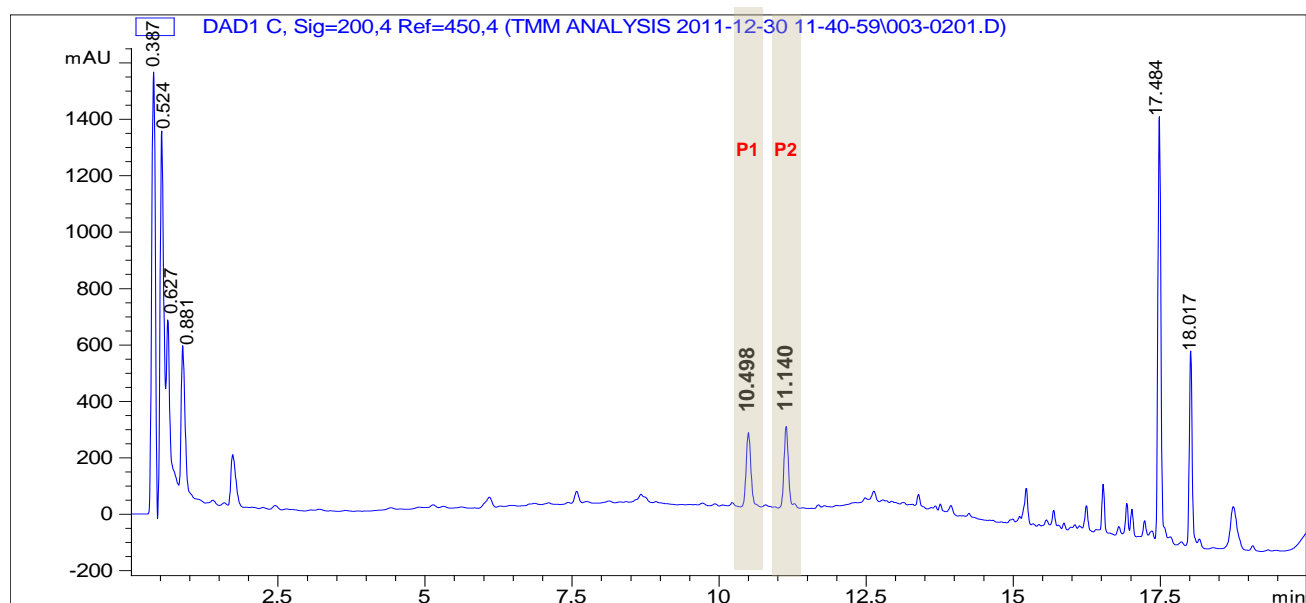
Test Parameter : Peak 1 (P1) and Peak 2 (P2)

Method/Reference : In-house

Specification :

- i. P1 & P2 must be detected simultaneously.
- ii. Retention time of P1 & P2 must not deviate more than $\pm 5\%$ from the reference standard.
- iii. UV spectra of P1 & P2 must match with the UV spectra of the reference standard.

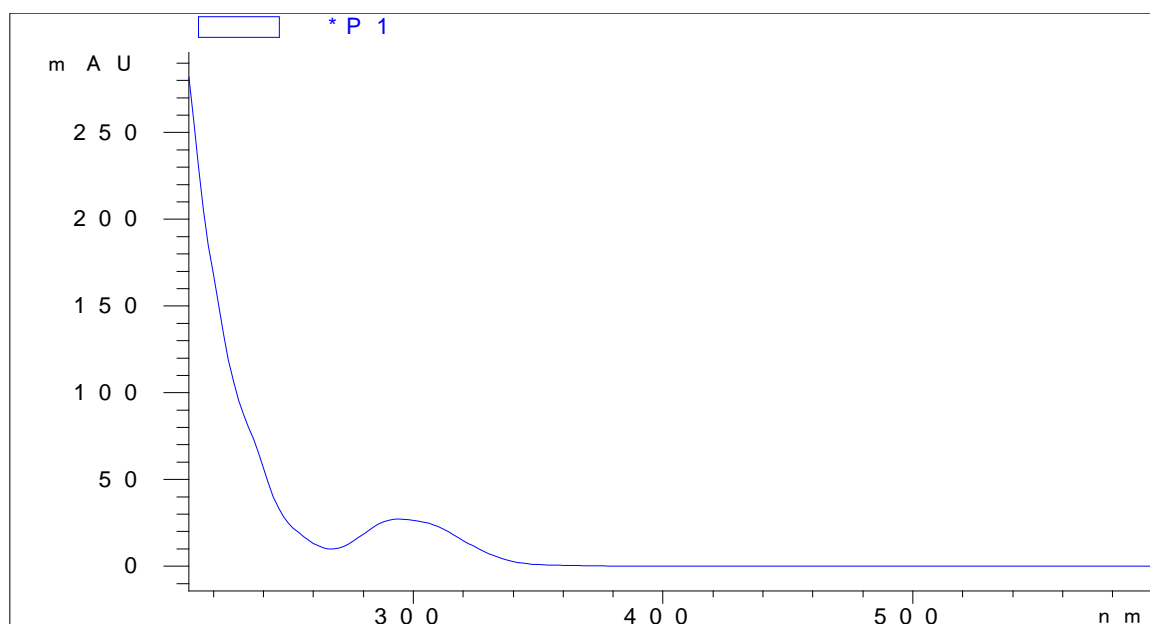
1. HPLC chromatograms of LiGNO™ TM02 Freeze-dried powder



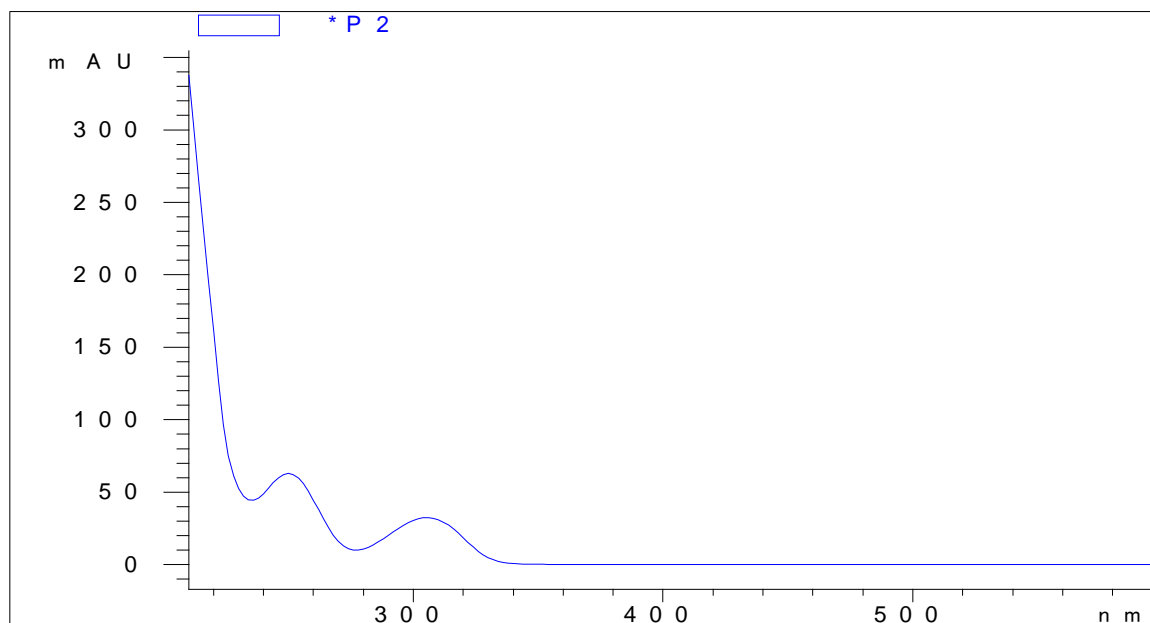
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2. UV Spectra of P1



3. UV Spectra of P2



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