

CERTIFICATE OF ANALYSIS

Product name:	Pygeum Bark Extract		
Plant Latin name:	Pygeum africanum.L	Used part:	Bark
Batch Number:	NF - 20210206	Origin of HERB	Congo
Batch Size	582KG	Manufacturer Date	Feb. 06, 2021
Net Weight:	200KG	Expiration Date:	Feb. 05, 2023
Storage Condition:	Preserve in tight containers at controlled room temperature .		

Item	Specification	Result	Method
Assay	Total Phytosterols $\geq 13.00\%$	14.32%	HPLC
Organoleptic			
Appearance	Red Brown powder	Conforms	Visual
Taste	Characteristic	Conforms	Organoleptic
Physical			
Particle Size	95% Through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	$\leq 5.0\%$	3.18%	5g/100°C/2.5hrs
Ash content	$\leq 5.0\%$	3.45%	2g/525°C/3hrs
Heavy metals			
Total Heavy Metals	$\leq 10\text{ppm}$	Conforms	Colorimetric
Pb	$\leq 1\text{ppm}$	Conforms	Atomic Absorption
As	$\leq 1\text{ppm}$	Conforms	Atomic Absorption
Cd	$\leq 1\text{ppm}$	Conforms	Atomic Absorption
Hg	$\leq 0.1\text{ppm}$	Conforms	Atomic Absorption
Residual Solvents		Conform	
Ethanol	$\leq 5000\text{ppm}$	997ppm	GC
Microbiological Tests			
Total Plate Count	$\leq 5000\text{cfu/g}$	Conform	CP2015
Total Yeast & Mold	$\leq 100\text{cfu/g}$	Conform	CP2015
Total Coliforms	Negative	Negative	CP2015
E.Coli	Negative	Negative	CP2015
Salmonella	Negative	Negative	CP2015
Aflatoxin B1	$\leq 2.0\text{ppb}$	Conforms	CP2015
Non-GMO, Non-Irradiation, Allergen Free			
Conclusion:	Conforms to Enterprise Standard		
Tested by:	Yang Fangchao	Approved by:	Niu Jicheng

