

Certificate of Analysis

Product Name	Pine bark extract	Batch No.	M24M03292
CAS No.	133248-87-0	MFG. Date	Mar 29, 2024
CAT No.	M116712	Retest Date	Mar, 2026
Items	Specification	Results	
Appearance	Light red powder	Conforms	
Loss on Drying	≤5%	3.10%	
Ash	≤5%	2.00%	
Bulk Density	0.35-0.55g/ml	0.38g/ml	
Particle Size	100% Pass 80M	Conforms	
Ethanol residual	<500 ppm	Conforms	
Methanol residual	<500 ppm	Conforms	
Heavy Metals	<10 ppm	Conforms	
Lead(Pb)	<2 ppm	Conforms	
Arsenic(As)	<1 ppm	Conforms	
Cadmium(Cd)	<0.5 ppm	Conforms	

Mercury(Hg)	<0.1 ppm	Conforms
Total Plate Count	<1000 cfu/g	Conforms
Moulds and Yeast	<100 cfu/g	Conforms
E. Coli	Negative	Conforms
Pathogenic bacteria	Negative	Conforms
Conclusion	Corresponds.	
Storage Condition	Store in a cool dry place, avoiding sunlight directly	

QC:*Alex Foster***QA:***Felix Hobart*