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CERTIFICATE OF ANALYSIS

Product Name	Soapnut Extract	Latin Name	Sapindus mukurossi
Used Part	Whole plant	Solvent	Ethanol&Water
Batch No.	210515	Product Date	May.15,2021
Testing Date	May.15,2021	Quantity	1000kg
Expiry Date	May.14,2023	Packing	25KG/Drum
Items & Results			
Item	Spec.		Result
Assay	≥70% Saponins		71.2%
Appearance	White Powder		Conforms
Odor & taste	Characteristic		Conforms
Particle Size	100% through 80 mesh		Conforms
Loss on Drying	< 5.0%		3.20%
Ash	< 5.0%		3.46%
Heavy Metals	< 20PPM		Conforms
Arsenic(As)	< 0.5PPM		Conforms
Lead(Pb)	< 0.5PPM		Conforms
Cadmium(Cd)	< 0.05PPM		Conforms
Mercury(Hg)	Not Detected		Conforms
Microbiological Test			
Total Plate Count	<1000 CFU/G		Conforms
Yeast and Mold	<100 CFU/G		Conforms
Salmonella	Negative		Conforms
E.Coli	Negative		Conforms
Staphylococcus	Negative		Conforms
Aflatoxins	<0.2 PPB		Conforms
Shelf life&Storage	2years.Cool & dry place. Keep away from strong light and heat.		
Conclusion	Conform with specification		
Analyst	马亮	Review	刘爱琴
		Supervisor of QC	李敏

