



## CERTIFICATE OF ANALYSIS

Product Name	Goldenseal Root Extract powder		
Used Part	Whole plant	Solvent	Ethanol&Water
Batch No.	210510	Product Date	May.10,2021
Testing Date	May.10,2021	Quantity	1500kg
Expiry Date	May.09,2023	Packing	25KG/Drum
<b>Items &amp; Results</b>			
Item	Spec.	Result	
Assay	10:1	Conforms	
Appearance	Brown Powder	Conforms	
Odor & Taste	Characteristic	Conforms	
Bulk Density	50-60g/100ml	57g/100ml	
Particle Size	100% through 80 mesh	Conforms	
Loss on Drying	≤5.0%	3.16%	
Ash	≤5.0 %	3.26%	
Total Heavy Metals	≤10 ppm	Conforms	
Cadmium (Cd)	≤1 ppm	Conforms	
Mercury (Hg)	≤1 ppm	Conforms	
Lead (Pb)	≤2 ppm	Conforms	
Arsenic (As)	≤2ppm	Conforms	
<b>Microbiological Test</b>			
Total bacterial count	≤1000cfu/g	Conforms	
Mold & Yeast	≤100cfu/g	Conforms	
E.Coli	Negative	Negative	
Salmonella	Negative	Negative	
Shelf life&Storage	2years.Cool & dry place. Keep away from strong light and heat.		
Conclusion	Conform with Enterprise standard		
Analyst	马亮	Review	刘爱琴 Supervisor of QC

