



## CERTIFICATE OF ANALYSIS

Product Name	Licorice Extract	Latin Name	Radix Glycyrrhizae
Used Part	Root	Solvent	Water
Batch No.	210406	Product Date	Apr.06,2021
Testing Date	Apr.06,2021	Quantity	500kg
Expiry Date	Apr.05,2023	Packing	25KG/Drum
<b>Items &amp; Results</b>			
Item	Spec.	Result	Test method
Assay	≥10% glycyrrhiza acid	10.12%	HPLC
<b>Physical&amp;Chemical Test</b>			
Appearance	Brown Fine Powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
Particle Size	100% through 80 mesh	Conforms	CP2015
Loss on Drying %	≤5.0%	4.25%	GB 5009.3
Ash Content %	≤8.0%	4.38%	GB 5009.4
Bulk density	40~60g/100mL	55g/100mL	CP2015
Pb	≤1.5%PPM	Conforms	GB 5009.12
As	≤1.0%PPM	Conforms	GB 5009.11
Hg	≤0.3%PPM	Conforms	GB 5009.17
Cd	≤0.3%PPM	Conforms	GB 5009.15
<b>Microbiological Test</b>			
Total bacterial count	≤1000cfu/g	Conforms	GB 4789
Mold & Yeast	≤50cfu/g	Conforms	GB 4789
E.Coli	Negative	Negative	GB 4789
Salmonella	Negative	Negative	GB 4789
Staph.aureus	Negative	Negative	GB 4789
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

