XI'AN SHEERHERB BIOLOGICAL TECHNOLOGY CO.,LTD

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Certificate of Analysis

Product Name	Quercetin		
Batch No.	20210124	Quantity	200kg
Manufacture Date	Jan.24.2021	Expiry Date	Jan.23.2023
Analysis	**Specification**	**Result**	**Test method**
Physical Description			
Appearance	yellow fine powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Tasted	Characteristic	Complies	Organoleptic
Particle size	100% through 80 mesh	Complies	80 Mesh
Extract solvent	Water	Complies	/
Bulk density	40~65g/100ml	45.3g/100ml	/
Chemical Tests			
Assay (Sophora Japonica Extract)	95%	Complies	TLC
Loss on Drying	8-12% Max	0.18%	5g/105℃/2hrs
Sulphated Ash	0.5%Max	0.22%	2g/525℃/3hrs
Heavy metals			
Pb	2ppm Max	Complies	AAS
As	2ppm Max	Complies	AAS
Cd	1ppm Max	Complies	AAS
Hg	1ppm Max	Complies	AAS
Microbiology Control			
Total plate count	10,000cfu/g Max	Complies	AOAC
Yeast & Mold	1000cfu/g Max	Complies	AOAC
E. Coli	Negative	Negative	AOAC
Salmonella	Negative	Negative	AOAC
Conclusion	Complies with the standards.		
General Status	Non-GMO, Non-irradiation.		
Packing and Storage			
Packing: Pack in paper-carton and two plastic-bags inside.			
Shelf life: 2 year when properly stored.			
Storage: Store in a well-closed place with constant low temperature and no direct sun light.			

Analyst: David Yan

Approved: Li Yu