



Xi'an Changyue Biological Technology Co., Ltd

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Certificate of Analysis

Product Name	: Ginseng Extract	Latin Name	: Panax ginseng C. A. Meyer
Plant part Used	: Stem leaf	Type of extraction	: water
Extraction ratio	: 50:1	Excipients	: None
Batch Number	: CY20220810	Quantity	: 1000kg
Packing	: 25kg/Paper Drum	Manufacture Date	: 2022/08/10/
Analysis Date	: 2022/08/17/	Report Date	: 2022/08/22/

Analysis	Specification	Results	Test Methods
Assay			
Assay	ginsenosides \geq 80.0%	80.56%	UV
Description			
Appearance	Light-Yellow fine powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Particle size	100% pass80 mesh	Complies	CP2015
Chemical			
Loss on drying	\leq 5.0%	4.18%	CP2015
Ash	\leq 5.0%	4.52%	CP2015
Pesticides	Negative	Negative	CP2015
Heavy Metal	\leq 10ppm	Complies	CP2015(AAS)
Pb	\leq 3.0ppm	Not detected	CP2015(AAS)
As	\leq 2.0ppm	Not detected	CP2015(AAS)
Cd	\leq 1.0ppm	0.30ppm	CP2015(AAS)
Hg	\leq 0.1ppm	0.05ppm	CP2015(AAS)
Microbiology			
Total of bacteria	\leq 1000cfu/g	270cfu/g	CP2015
Molds	\leq 100cfu/g	30cfu/g	CP2015
Salmonella	Negative	Complies	CP2015
E.Coli	Negative	Complies	CP2015

Conclusion Conform with specification.

Storage Store in cool & dry place. Do not freeze.

Keep away from strong light and heat.

Shelf life 2 years when properly stored.

Expiration Date 2024/08/09/

Quality Assurance Officer

Analyst

