



Xi'an Changyue Biological Technology Co., Ltd

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Certificate of Analysis

Product Name	: Shilajit extract	Latin Name	: ferrum Shilajit
Plant part Used	: Minerals	Type of extraction	: Water
Extraction ratio	: 20:1	Excipients	: None
Batch Number	: 20220211	Quantity	: 5000kg
Packing	: 25kg/Paper Drum	Manufacture Date	: 2022/02/11/
Analysis Date	: 2022/02/18/	Report Date	: 2022/02/21/

Analysis	Specification	Results	Test Methods
Assay			
Assay	Fulvic Acid $\geq 50\%$	50.88%	Titration
Description			
Appearance	Brown fine powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Particle size	100% pass80 mesh	Complies	CP2015
Chemical			
Loss on drying	$\leq 10.0\%$	7.30%	CP2015
Ash	$\leq 10.0\%$	5.05%	CP2015
Pesticides	Negative	Negative	CP2015
Heavy Metal	$\leq 20\text{ppm}$	Complies	CP2015(AAS)
Pb	$\leq 2.0\text{ppm}$	0.86ppm	CP2015(AAS)
As	$\leq 1.0\text{ppm}$	0.39ppm	CP2015(AAS)
Hg	$\leq 1.0\text{ppm}$	Negative	CP2015(AAS)
Cd	$\leq 1.0\text{ppm}$	Complies	CP2015(AAS)
Microbiology			
Total of bacteria	$\leq 1000\text{cfu/g}$	240cfu/g	CP2015
Molds	$\leq 100\text{cfu/g}$	30cfu/g	CP2015
Salmonella	Negative	Complies	CP2015
E.Coli	Negative	Complies	CP2015

Conclusion

Storage

Shelf life

Expiration Date

Quality Assurance Officer

Conform with specification.
Store in cool & dry place. Do not free
Keep away from strong light and heat.
5 years when properly stored.
2027/02/10/



Analyst