

Certificate of Analysis

Product Name	Andrographis Paniculata Extract		
Botanical Source	<i>Andrographis paniculata (Burm. f.) Nees</i>		
Batch No.	CXL20210620	Manufacturing Date	Jun, 20th. 2021
Batch Quantity	1,200kg	Expiration Date	Jun, 19th. 2023
Item	Specification	Results	Methods
Specification	Andrographolide $\geq 8\%$	8.24%	HPLC
Description			
Appearance & Color	Light brown powder	Conforms	Visual
Mesh Size	95% pass 80 mesh	Conforms	80 Mesh Screen
Part Used	Whole herb	Conforms	/
Loss on drying	$\leq 5\%$	4.25%	GB/T5009.3
Ash	$\leq 5\%$	1.98%	GB/T5009.4
Heavy Metals			
Total Heavy Metals	$\leq 10\text{ppm}$	Conforms	AAS
Arsenic (As)	$\leq 2\text{ppm}$	Conforms	AAS(GB/T5009.11)
Lead (Pb)	$\leq 3\text{ppm}$	Conforms	AAS(GB/T5009.12)
Cadmium(Cd)	$\leq 1\text{ppm}$	Conforms	AAS(GB/T5009.15)
Mercury(Hg)	$\leq 0.1\text{ppm}$	Conforms	AAS(GB/T5009.17)
Microbiology			
Total Plate Count	$\leq 1,000\text{cfu/g}$	Conforms	GB/T4789.2
Total Yeast & Mold	$\leq 100\text{cfu/g}$	Conforms	GB/T4789.15
E. Coli	Negative	Conforms	GB/T4789.3
Salmonella	Negative	Conforms	GB/T4789.4
Packing and Storage	Packed in paper-drums and two plastic-bags inside.		
Shelf Life	2 Year When Stored properly		

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Check: Pengpeng

Analyst: GuoShan

