

## CERTIFICATE OF ANALYSIS

Product Name	Andrographis Extract	Latin Name	<i>Andrographis Paniculata</i>
Batch No	PY-AN20210307	Used Part	Leaf
Quantity	1000KG	Analysis Date	Mar.10, 2021
Mfg. Date	Mar.07, 2021	Exp. Date	Mar.06, 2023

No.	Item	Specification	Result
1.	Appearance	Brown powder	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Carrier	Maltodextrin 10-20%	Complies
4.	Assay(by HPLC)	Andrographolide $\geq$ 20%	20.34%
5.	Particle Size	95% pass 80 mesh	Complies
6.	Bulk density	20-60g/100ml	Complies
7.	Loss on Drying	$\leq$ 5.0%	3.14%
8.	Ash	$\leq$ 5.0%	2.86%
9.	Heavy Metals	$\leq$ 10ppm	<10ppm
10.	Pb	$\leq$ 3.0ppm	<3.0ppm
11.	As	$\leq$ 1.0ppm	<1.0ppm
12.	Cd	$\leq$ 1.0ppm	<1.0ppm
13.	Hg	$\leq$ 0.1ppm	<0.1ppm
14.	Ethanol Residue	$\leq$ 1000ppm	Complies
15.	Total Plate Count	$\leq$ 1,000cfu/g	<1,000cfu/g
16.	Yeasts & Molds	$\leq$ 100cfu/g	<10cfu/g
17.	E. Coli	Negative	Negative
18.	Salmonella	Negative	Negative

NON-IRRADIATED/NON-GMO/BSE FREE

Store in well-closed container at room temperature, protect from light, moisture and pest infestation.

Conclusion: Conform with the Specification.

Analyst: xuli

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