

Certificate of Analysis

Product Information			
Product Name	Turkesterone Powder	Report Number	TKP20210932
Botanical Name	Ajuga ciliata	Manufacture Date	2021/09/07
Used Part	Whole Herb	Analysis Date	2021/09/12
Batch Number	TKP210907	Report Date	2021/09/17
Batch Quantity	500Kg	Expiry Date	2024/09/06
Test items	Specifications	Result	Test Methods
Active Ingredients			
Assay	$\geq 10.0\%$	10.36%	HPLC
Physical & Chemical Data			
Appearance	Brown Yellow Fine Powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	$\leq 5.0\%$	3.52%	105°C/2 hrs
Total Ash	$\leq 5.0\%$	2.45%	GB 5009.4-2016
Bulk Density	40~60g/100mL	49.2g/100mL	GB/T 18798.5
Tap Density	50~80g/100mL	51.8g/100mL	GB/T 18798.5
Contaminants			
Lead (Pb)	$< 3.0\text{mg/kg}$	Conforms	ICP-MS
Arsenic (As)	$< 2.0\text{mg/kg}$	Conforms	ICP-MS
Cadmium (Cd)	$< 1.0\text{mg/kg}$	Conforms	ICP-MS
Mercury (Hg)	$< 0.1\text{mg/kg}$	Conforms	ICP-MS
Microbiological			
Total Aerobic Count	$\leq 1000\text{cfu/g}$	205cfu/g	GB 4789.2
Yeast & Moulds	$\leq 100\text{cfu/g}$	20cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10
Conclusion			
Conclusion	To be complied with in-house Specification		
Shelf Life	3 years when properly stored.		
Storage	Store in cool & dry place, not freeze. Keep away from strong light.		

Remarks: This product is natural, the color vary from batch to batch.

Tested by: 张丽娜

Checker: 李明

Approved:

