

## Certificate of Analysis

<b>Product Information</b>			
Product Name	Ophiopogonis Root Extract Powder	Report Number	ORP20220341
Botanical Name	Ophiopogon japonicus	Manufacture Date	2022/03/16
Used Part	Root	Analysis Date	2022/03/21
Batch Number	ORP220316	Report Date	2022/03/26
Batch Quantity	500Kg	Expiry Date	2025/03/15
<i>Test Items</i>	<i>Specifications</i>	<i>Result</i>	<i>Test Methods</i>
<b>Active Ingredients</b>			
Extract Ratio	20:1	Conforms	TLC
<b>Physical &amp; Chemical Data</b>			
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	≤5.0 %	3.39%	105°C/2 hrs
Total Ash	≤5.0 %	2.96%	GB 5009.6
Bulk Density	40~60 g/100mL	52.9g/100mL	GB/T 18798.5
Tap Density	50~80g/100mL	58.3g/100mL	GB/T 18798.5
<b>Contaminants</b>			
Lead (Pb)	<3.0mg/kg	Conforms	ICP-MS
Arsenic (As)	<2.0mg/kg	Conforms	ICP-MS
Cadmium (Cd)	<1.0mg/kg	Conforms	ICP-MS
Mercury (Hg)	<0.1mg/kg	Conforms	ICP-MS
<b>Microbiological</b>			
Total Aerobic Count	≤1000cfu/g	175cfu/g	GB 4789.2
Yeast & Moulds	≤100cfu/g	25cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10
<b>Conclusion</b>			
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 LAB

Checker: 李明

Approved:

