



Shaanxi LonierHerb Bio-Technology Co., Ltd.

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Tel: +86-29-87551862/ 85875292

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Technical Data Sheet

Product Information		
Product Name	Green Pea Extract	
Botanical Name	Pisum sativum Linn.	
Used Part	Seed	
Test Items	Specifications	Test Methods
Active Ingredients		
Extract Ratio	10:1	TLC
Physical & Chemical Data		
Appearance	Brown Yellow Powder	Visual
Odor and Taste	Characteristic	Organoleptic
Sieve analysis	90% through 80 mesh	80 Mesh Screen
Loss on Drying	≤5.0 %	105°C/2 hrs
Total Ash	≤5.0 %	GB 5009.4-2016
Bulk Density	40~60g/100mL	GB/T 18798.5
Tap Density	50~80g/100mL	GB/T 18798.5
Contaminants		
Lead (Pb)	<3.0mg/kg	ICP-MS
Arsenic (As)	<2.0mg/kg	ICP-MS
Cadmium (Cd)	<1.0mg/kg	ICP-MS
Mercury (Hg)	<0.1mg/kg	ICP-MS
Microbiological		
Total Aerobic Count	≤1000cfu/g	GB 4789.2
Yeast & Moulds	≤100cfu/g	GB 4789.15
E-Coli	Negative	GB 4789.3
Salmonella	Negative	GB 4789.4
Staphylococcus Aureus	Negative	GB 4789.10
Storage & Packing		
Shelf Life	3 years when properly stored.	
Packing	Packed in paper-drums and two plastic-bags inside.	
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.



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V2.01-2021

Certificate of Analysis

Product Information			
Product Name	Green Pea Extract	Report Number	GPN20211141
Botanical Name	Pisum sativum Linn.	Manufacture Date	2021/11/16
Used Part	Seed	Analysis Date	2021/11/21
Batch Number	GPN211116	Report Date	2021/11/26
Batch Quantity	800Kg	Expiry Date	2024/11/15
Test Items	Specifications	Result	Test Methods
Active Ingredients			
Extract Ratio	10:1	Conforms	TLC
Physical & Chemical Data			
Appearance	Brown Yellow Powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	≤5.0 %	3.16%	105°C/2 hrs
Total Ash	≤5.0 %	3.05%	GB 5009.6
Bulk Density	40~60g/100mL	49.2 g/100mL	GB/T 18798.5
Tap Density	50~80g/100mL	52.1 g/100mL	GB/T 18798.5
Contaminants			
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
Microbiological			
Total Aerobic Count	≤ 1000cfu/g	180cfu/g	GB 4789.2
Yeast & Moulds	≤ 100cfu/g	45cfu/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: 张丽娟

Checker: 李明

Approved:



