



Shaanxi LonierHerb Bio-Technology Co., Ltd.

Add: No.56 Jinye Road, Hi-tech Zone, Xi'an China 710077

Tel: +86-29-87551862/ 85875292

www.Lonierherb.com E-mail:info@lonierherb.com

Technical Data Sheet

Product Information

Product Name	Yacon Root Powder
Botanical Name	Smallanthus sonchifolius
Used Part	Fruit/Root

<i>Test Items</i>	<i>Specifications</i>	<i>Test Methods</i>
Physical & Chemical Data		
Appearance	Light Yellow Powder	Visual
Odor and Taste	Characteristic	Organoleptic
Sieve analysis	90% through 80 mesh	80 Mesh Screen
Solubility	Soluble in water	
Loss on Drying	≤10.0 %	105°C/2 hrs
Total Ash	≤5.0 %	GB 5009.4-2016
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	Yacon Root Powder	Report Number	YAN20211134
Botanical Name	Smallanthus sonchifolius	Manufacture Date	2021/11/09
Used Part	Fruit/Root	Analysis Date	2021/11/14
Batch Number	YAN211109	Report Date	2021/11/19
Batch Quantity	600Kg	Expiry Date	2024/11/08
Test Items	Specifications	Result	Test Methods
Physical & Chemical Data			
Appearance	Light Yellow Powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Solubility	Soluble in water		
Loss on Drying	≤10.0 %	3.09%	105°C/2 hrs
Total Ash	≤5.0 %	2.15%	GB 5009.6
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	150cfu/g	GB 4789.2
Yeast & Moulds	≤100cfu/g	50cfu/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: 3K 7A LAP

Checker: 李明

Approved:



