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Technical Data Sheet

Product Information		
Product Name	Dioscorea Nipponica Extract Powder	
Botanical Name	Dioscorea Nipponica	
Used Part	Root	
<i>Test Items</i>	<i>Specifications</i>	<i>Test Methods</i>
Active Ingredients		
Extract Ratio	10:1	TLC
Physical & Chemical Data		
Appearance	Yellow Brown Fine 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	40~60 g/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.