



Shaanxi LonierHerb Bio-Technology Co., Ltd.

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V2.01-2021

Certificate of Analysis

Product Information			
Product Name	Naringin Powder	Report Number	NPL20211037
Botanical Name	Citrus paradisi L.	Manufacture Date	2021/10/12
Used Part	Fruit	Analysis Date	2021/10/17
Batch Number	NPL211012	Report Date	2021/10/22
Batch Quantity	500Kg	Expiry Date	2024/10/11
Test Items	Specifications	Result	Test Methods
Active Ingredients			
Assay	$\geq 98.0\%$	98.32%	HPLC
Physical & Chemical Data			
Appearance	White or Off-white Fine Powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	$\leq 5.0\%$	2.57%	105°C/2 hrs
Total Ash	$\leq 5.0\%$	0.51%	GB 5009.4-2016
Bulk Density	40~60g/100mL	49.9g/100mL	GB/T 18798.5
Tap Density	50~80g/100mL	51.6g/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	$\leq 1000\text{cfu/g}$	190cfu/g	GB 4789.2
Yeast & Moulds	$\leq 100\text{cfu/g}$	30cfu/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:

