

Certificate of Analysis

Product Information			
Product Name	Hesperidin	Report Number	HPL20210131
Botanical Name	Citrus aurantium	Manufacture Date	2021/01/06
Used Part	Fruit	Analysis Date	2021/01/11
Batch Number	HPL210106	Report Date	2021/01/16
Batch Quantity	500Kg	Expiry Date	2024/01/05
Test Items	Specifications	Result	Test Methods
Active Ingredients			
Hesperidin	≥95.0%	95.69%	HPLC
Isonaringin	≤3.8 %	1.61%	HPLC
Hesperitin	≤1.0 %	0.22%	HPLC
Neopocirin	≤2.5 %	0.98%	HPLC
Physical & Chemical Data			
Appearance	Light Cream 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 %	3.56%	105°C/2 hrs
Total Ash	≤5.0 %	0.62%	GB 5009.6
Absorbance	≤0.5	0.12	UV
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	190cfu/g	GB 4789.2
Yeast & Moulds	≤100cfu/g	40cfu/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: Checker: 

Approved:

