

## CERTIFICATE OF ANALYSIS

Product Name	Hesperidin	Botanical Source	<i>Citrus aurantium L.</i>
Batch No	PY-HE20200709	Used Part	Fruit
Quantity	1000KG	Analysis Date	Jul.12,2020
Mfg. Date	Jul.09,2020	Exp. Date	Jul.08,2022

No.	Item	Specification	Result
1.	Appearance	Yellow brown powder	Complies
2.	Identification	Must positive	Positive
3.	Particle Size	95% pass 80 mesh	Complies
4.	Assay (by HPLC)	Hesperidin≥90%	90.56%
5.	Loss on Drying	≤5.0%	3.23%
6.	Sulphated Ash	≤0.5%	0.21%
7.	Heavy Metals	≤10ppm	<10ppm
8.	Pb	≤3ppm	<3ppm
9.	As	≤1ppm	<1ppm
10.	Cd	≤1ppm	<1ppm
11.	Hg	≤0.1ppm	<0.1ppm
12.	Total Plate Count	≤1,000cfu/g	<1,000cfu/g
13.	Yeasts & Molds	≤100cfu/g	<100cfu/g
14.	E.Coli	Negative	Negative
15.	Salmonella	Negative	Negative
16.	Coliforms	≤10cfu/g	<10cfu/g

Store in tightly closed original container, protected from light, moisture, oxygen. Keep in a dry place at room temperature(25.0℃).

Non-GMO, TSE/BSE Free, Non-Irradiation, 100% Natural

Package: Packed in paper-drums and two plastic-bags inside.

Conclusion: Conform with specification.

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