

CERTIFICATE OF ANALYSIS

Product Name	Diosmin/Hesperidin(9:1)	Batch No	PY-DH20200524
Quantity	1000KG	Analysis Date	May.27,2020
Mfg. Date	May.24,2020	Exp. Date	May.23,2022
Package	25KG/Drum	Standard	Enterprise standard

No.	Item	Specification	Result
1.	Appearance	Grayish yellow to pale brown particles	Complies
2.	Identification	Positive	Positive
3.	Solubility	Practically insoluble in water, soluble in dimethyl sulphoxide, practically insoluble in alcohol. It dissolves in dilute solutions of alkali hydroxides.	Complies
4.	Particle Size	Before:95% pass through sieve 5 micron, After:80% pass through 24 mesh	Complies
5.	Assay(By HPLC)	Diosmin>81.0% Hesperidin>9.0%	82.63% 9.98%
6.	Water	≤6.0%	3.84%
7.	Sulphated Ash	≤0.3%	0.20%
8.	Iodine	≤0.1%	<0.1%
9.	Related Substances	Acetoisovanillone≤0.5% Isorhoifolin≤3.0% Linarin≤3.0% Diosmetin≤2.0%	0.10% 1.26% 1.74% 0.53%
10.	Heavy Metals	≤10ppm	<10ppm
11.	Pb	≤3ppm	<3ppm
12.	As	≤1ppm	<1ppm
13.	Cd	≤1ppm	<1ppm
14.	Hg	≤0.1ppm	<0.1ppm
15.	Residue Solvent	Methanol≤3000ppm Ethanol≤5000ppm Pyridine≤200ppm	<150ppm <250ppm <200ppm
16.	Total Plate Count	≤1,000cfu/g	<10cfu/g
17.	Yeasts & Molds	≤100cfu/g	<10cfu/g
18.	E.Coli	Negative	Negative
19.	Salmonella	Negative	Negative

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.

Analyst: xuli

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