

CERTIFICATE OF ANALYSIS

Product Name	Quercetin Granuled	Botanical Source	<i>Sophora Japonica</i>
Batch No	PY-QU20210215	Used Part	Buds
Quantity	1000KG	Analysis Date	Feb.18,2021
Mfg. Date	Feb.15,2021	Exp. Date	Feb.14,2023

No.	Item	Specification	Result
1.	Appearance	Yellow particles	Complies
2.	Identification	Must positive	Positive
3.	Particle Size	80% pass through sieve 30 mesh	Complies
4.	Assay(by HPLC)	≥95.00%	95.06%
5.	Melting Point	305℃-315℃	314℃
6.	Reducing Sugars	Not be detected	Not detected
7.	Sulfate	≤1,000ppm	<1,000ppm
8.	Chloride	≤1,000ppm	<1,000ppm
	Bulk Density	≥0.40gm/cc	0.66gm/cc
	Tapped Density	≥0.60gm/cc	0.78gm/cc
9.	Heavy Metals	≤10ppm	<10ppm
10.	Pb	≤3ppm	<3ppm
11.	As	≤1ppm	<1ppm
12.	Cd	≤1ppm	<1ppm
13.	Hg	≤0.1ppm	<0.1ppm
14.	Loss on Drying	≤12.00%	10.48%
15.	Ash	≤1.0%	0.03%
16.	Total Plate Count	≤1,000cfu/g	Complies
17.	Yeasts & Molds	≤100cfu/g	Complies
18.	E.Coli	Negative	Negative
19.	Salmonella	Negative	Negative
20.	Coliforms	≤10cfu/g	<10cfu/g
21.	Residual Solvent	Meets the requirements of USP	Complies
22.	Pesticide Screen	Meets the requirements of USP	Complies

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 the specification.

Analyst: xuli

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