

CERTIFICATE OF ANALYSIS

Product Name	Berberine Hydrochloride	Latin Name	<i>Berberis aristata.</i>
Batch No	PY-BE20200907	Used Part	Tree Bark
Quantity	1000KG	Analysis Date	Sep.10,2020
Mfg. Date	Sep.07,2020	Exp. Date	Sep.06,2022

No.	Item	Specification	Result
1.	Appearance	Yellow crystalline powder	Complies
2.	Identification(A,B,C,D,E)	Must positive	Positive
3.	Particle Size	100% pass 80 mesh	Complies
4.	Assay (by titration)	≥10.0%	10.46%
5.	Heavy Metals	≤10ppm	<10ppm
6.	Pb	≤3ppm	<3ppm
7.	As	≤1ppm	<1ppm
8.	Cd	≤1ppm	<1ppm
9.	Hg	≤0.1ppm	<0.1ppm
10.	Ash	≤0.2%	0.14%
11.	Loss on Drying	≤12.0%	10.00%
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

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

Conclusion: Conform with CP2005 Standard.

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