

CERTIFICATE OF ANALYSIS

Product Name	Rosmarinic Acid	Latin Name	<i>Rosmarinus officinalis</i>
Batch No	PY-RA20190620	Used Part	Leaf
Quantity	500KG	Analysis Date	Jun.23,2019
Mfg. Date	Jun.20,2019	Exp. Date	Jun.19,2021

No.	Item	Specification	Result
1.	Appearance	Brown yellow fine powder	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Particle Size	95% pass 80 mesh sieve	Complies
4.	Extract Solvents	Ethanol & Water	Complies
5.	Solubility(40℃)	Water	Complies
6.	Assay(By HPLC)	Rosmarinic Acid \geq 5.0%	5.13%
7.	Loss on Drying	\leq 5.0%	3.9%
9.	Ash	\leq 5.0%	1.1%
10.	Heavy Metals	\leq 10ppm	<10ppm
12.	As	\leq 2ppm	<2ppm
13.	Total Plate Count	\leq 1,000cfu/g	100cfu/g
14.	Yeasts & Molds	\leq 100cfu/g	20cfu/g
15.	E.Coli	Negative	Negative
16.	Salmonella	Negative	Negative
17.	Staphylococcus	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.

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