

CERTIFICATE OF ANALYSIS

Product Name	Policosanol	Batch No	PY-OC20201008
Quantity	1000KG	Analysis Date	Oct.11,2020
Mfg. Date	Oct.08,2020	Exp. Date	Oct.07,2022
Package	25kg/Drum	Source	Sugar Cane Wax

No.	Item	Specification	Result
1.	Appearance	White to off white powder	Complies
2.	Melting Point	80-83℃	81.9℃
3.	Fatty Acid	<1.5mgKOH/g	0.20mgKOH/g
4.	Loss on Drying	≤0.5%	0.36%
5.	Ash	≤0.1%	0.06%
6.	Policosanol	≥95%	98.19%
7.	1-Docosanol(C-22)	GC	0.30%
8.	1-Tetracosanol (C-24)	GC	5.19%
9.	1-Hexacosanol (C-26)	GC	11.49%
10.	1-Heptacosanol (C-27)	GC	1.34%
11.	1-Octacosanol (C-28)	GC	11.18%
12.	1-Nonacosanol (C-29)	GC	1.72%
13.	1-Triacontanol (C-30)	GC	28.35%
14.	1-Hentriacontanol(C-31)	GC	1.67%
15.	1-Dotriacontanol (C-32)	GC	18.24%
16.	1-Tetratriacontanol (C-34)	GC	13.26%
17.	1-Hexadecanol(C-36)	GC	5.45%
18.	Heavy Metals	≤10ppm	<10ppm
19.	Pb	≤0.5ppm	<0.5ppm
20.	As	≤1.0ppm	<1.0ppm
21.	Cd	≤1.0ppm	<1.0ppm
22.	Hg	≤0.1ppm	<0.1ppm
23.	Total Plate Count	≤1,000cfu/g	<1,000cfu/g
24.	Yeasts & Molds	≤100cfu/g	<100cfu/g
25.	E.Coil	Negative	Negative
26.	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. N.W: 25kgs. I.D.35*H51cm
Conclusion: Conform with specification.

Analyst: xuli

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