



西安绿泉科技有限公司

XI'AN GREEN SPRING TECHNOLOGY CO., LTD.

CERTIFICATE OF ANALYSIS

Product Name: Octacosanol Powder
Description: White to offwhite Powder
Identification: Passes all criteria tests
Batch No 24031501GS
Batch quantity 245kg
Analysis Date: Mar.15.2024

Item	Specification	Results
Assay (Octacosanol by GC)	1-Octacosanol \geq 60%	63.60% Complies by GC
Total Alcohols	\geq 98%	\geq 98%GC
1-Tetracosanol(C-24)		0.24% Complies by GC
1-Pentacosane(C-25)		---
1-Hexacosanol(C-26)		12.02% Complies by GC
1-Heptacosanol(C-27)		2.73% Complies by GC
1-Octacpsanol(C-28)		63.60% Complies by GC
1-Nonacosanol(C-29)		2.80% Complies by GC
1-Triacontanol(C-30)		17.47% Complies by GC
1-Hentriacortanol(C-31)		---
1-Dotriacortanol(C-32)		0.39% Complies by GC
Heavy Metals	\leq 10ppm	Complies by Atomic Absorption
As	\leq 0.5ppm	<0.1
Pb	\leq 0.5ppm	<0.05
Hg	\leq 0.1ppm	<0.005
Cd	\leq 1.0ppm	<0.01
Physical Control		
Melting Point	80-83 $^{\circ}$ C	80.8 $^{\circ}$ C
Loss on drying	\leq 0.5%	0.45%
Ash	\leq 0.1%	0.09%
Acid Value	\leq 1.5(mg KOH/g)	0.09
Microbiological		
Total plate Count	<1000 cfu/gm	Complies by HGMF
Yeast & Mold	<100 cfu/gm	Complies by HGMF
E. Coli	Negative	Negative by HGMF
Salmonella	Negative	Negative by HGMF
Staphylococcus	Negative	Negative by HGMF

Storage Cool & dry place, Do not freeze. Keep away from strong light and heat.
Shelf 2 year when properly stored.

Approved by :
(Quality Assurance)

