

Certificate of Analysis

Product Name	Octacosanol	Grade	Food Grade
Batch No.	PLC20210809	Manufacturing Date	Aug.09th,2021
Batch Quantity	900kg	Expiration Date	Aug.08th,2023

Item	Specification	Result	Method
Assay			
Policosanols(Total Alcohols)	≥98%	98.83%	GC
Octacosanol	≥50%	52.17%	GC
1-Tetracosanol (C-24), %	-----	0.62%	GC
1-pentacosane(C-25), %	-----	-----	GC
1-Hexacosanol (C-26), %	-----	10.17%	GC
1-Heptacosanol (C-27), %	-----	1.42%	GC
1-Octacosanol (C-28), %	-----	52.17%	GC
1-Nonacosanol (C-29), %	-----	3.62%	GC
1-Triacontanol (C-30), %	-----	30.39%	GC
1-Dotriacontanol (C-32), %	-----	0.44%	GC
Physical Characteristics			
Appearance	White powder	Conforms	Visual
Odor	Characteristic	Conforms	GB/T 5492-2008
Taste	Characteristic	Conforms	GB/T 5492-2008
Particle Size	100% Through 80mesh	Conforms	80mesh Screen
Loss on Drying	≤0.5%	0.45%	CP<2015>
Ash	≤0.1%	0.09%	CP<2015>
Heavy metals			
Total Heavy Metals	≤10ppm	Conforms	CP<2015>
Arsenic(As)	≤0.3ppm	Conforms	CP<2015>
Lead (Pb)	≤0.1ppm	Conforms	CP<2015>
Cadmium(Cd)	≤0.2ppm	Conforms	CP<2015>
Mercury(Hg)	≤0.01ppm	Conforms	CP<2015>
Microbiological Tests			
Total Plate Count	≤1000CFU/g	Conforms	CP<2015>
Yeast & Mold	≤100 CFU/g	Conforms	CP<2015>
E.Coli.	Negative	Negative	CP<2015>
Salmonella	Negative	Negative	CP<2015>

Packing & Storage	Packed in paper-drums and two plastic-bags inside. Store in a well-closed container.
Shelf life	Two years when stored properly.

Analyst: Guo Shan

Date: 2021.08.12

Approved: Gloria Yang, Ph.D

Date: 2021.08.12

