



HANGZHOU DINGYAN CHEM CO.,LTD

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

CERTIFICATE OF ANALYSIS

NO: DYC071512021

Description	Octacosanol
Chemical Name	1-Octacosanol,n-Octacosanol
Common Name	montanylalcohol,koranylalcohol,policosanol
Type of Products	Standardized Powder Extract
MolecularFormula	C28H58O
Molecular Weight	410.77
MDLNumber:	MFCD00044770
CAS Number:	557-61-9
Batch No.	20150512

TEST/OBSERVATION	SPECIFICATION	RESULT	Method
Assay	Policosanol NLT 98%	99.0416%	GC
	1-Octacosanol NLT90%	91.5800%	GC
	Triacontanol	3.8380%	GC
	Hexacosanol	3.4846%	GC
	Tetracosanol	0.1390%	GC

Resource	Sugar can bran
-----------------	----------------

Chemical Index			
Identification	STANDARD	RESULT	Method
Heavy Metals	NMT10ppm	Complies	Atomic Absorption
Arsenic(As)	NMT1.5ppm	Complies	Atomic Absorption
Cadmium(Cd)	NMT1ppm	Complies	Atomic Absorption
Lead (Pb)	NMT5 ppm	Complies	Atomic Absorption
Pesticides Residues	Negative	Negative	GC
Solvents Residues	Negative	Negative	GC

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,Jianggan Area,Hangzhou,China

**HANGZHOU DINGYAN CHEM CO.,LTD**

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

Physical Control			
Appearance	Powder in wax state,	Fline Powder	Visual
Color	White to off-white	Complies	Visual
Melting point:	83.2~83.6℃	Complies	
Boiling point:	200~250℃/1mmHg(sublimation)	Complies	
Proportion:	0.7830g/ml(85℃) 0.8445 (d ²⁰ ₄)	Complies	
Sieve Analysis	99%.through.60mesh	Complies	
Ash	NMT0.1%	Complies	
Loss On Drying	NMT0.5%	Complies	
Odor	Nosmell. & Odourless	Complies	Organoleptic
Stability	do not absorb moisture,stable for light and heat,stable in acid and basification good character of bio-degradation.		
Solubility	notsolubleinwater,solubleinButylalcohol,Isopropylalcohol,Ethylether,Chloroform,N-BUTYLACETATE,alcohol,PetroleumEther,ETC.		
Toxicity	Toxic side effects, safety, higher than the salt.		
Microbiological			
Total Plate Count	<1000CFU/gm	Complies	
Yeast & mold	<100CFU/gm	Complies	
E. coli	Negative	Negative	
Salmonella	Negative	Negative	
Staphylococcus	Negative	Negative	

Shelf Life: Two years if sealed and store away from direct sun light

Storage Store in a cool dry area. Do not freeze,keep away from strong direct light

QUALITY CONTROL:
Hangzhou Dingyan Chem Co., Ltd.
Quality Control Edith
Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风

Add: Xiasha 571,19TH Street E-COMMERCE 4A601-602,Jiangnan Area, Hangzhou, China