



Certificate of Analysis

Product Name:	Octacosanol	Manufacture Date:	July 22,2012
Batch Number:	PLC0121212	Analysis Date:	July 22,2012
Batch Quantity:	78 kg	Certificate Date:	July 25,2012

ANALYSIS	SPECIFICATION	RESULTS
Appearance	White fine powder	Complies
Odor	Characteristic	Complies
Assay(Total Alcohols,GC)	≥98.0%	99.32%
Octacosanol	≥90.0%	91.40%
Tetracosanol	0.0~0.2%	0.18%
Hexacosanol	0.5~2.0%	1.24%
Heptacosanol	0.0~2.0%	0.18%
Nonacosanol	0.0~1.0%	0.0%
Triacantanol	3.0~6.5%	3.65%
Dotriacantanol	2.0~5.5%	1.82%
Tetratriacontanol	0.1~3.0%	0.15%
Loss on Drying	≤0.5%	0.38%
Residue on Ignition	≤0.5%	0.21%
Solubility	Soluble in hot Chloroform, Petroleum Ether, Ethanol , Acetone, Ethyl ether, Benzene, Toluene. Not soluble in water	Complies
Heavy Metal	<2ppm	Complies
As	<1ppm	Complies
Microbiology		
Total Plate Count	<1000cfu/g	44cfu/g
Yeast & Mold	<100cfu/g	13cfu/g
E.Coli	Negative	Complies
Salmonella	Negative	Complies

Conclusion	Conform with specification
Storage	Store in cool & dry place.
	Keep away from strong light and heat.
Shelf life	2 years when properly stored

Quality Assurance Officer

Corrector

Analyst