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SPECIFICATION SHEET

Product and Batch Information			
Product Name:	Policosanol 95%	Solvent Used:	Water & Methanol
Botanical Name:	Saccharum officinarum		Sugar Cane Wax
Active Ingredient:	Octacosanol/Policosanol		
Analysis Item	Specification		Test Method
Active Ingredients			
Policosanol	NLT 95%	GC	
Octacosanol	NLT 60%	GC	
1-Tetracosanol (C24)		GC	
1-Hexacosanol (C26)		GC	
1-Heptacosanol (C27)		GC	
1-Nonacosanol (C29)		GC	
1-Triacontanol (C30)		GC	
1-Hentriacontanol (C31)		GC	
1-Dotriacontanol (C32)		GC	
Physical Control			
Identification	Positive	TLC	
Appearance	Fine Powder	Visual	
Color	White	Visual	
Odor	Characteristic	Organoleptic	
Taste	Characteristic	Organoleptic	
Sieve Analysis	90% pass 60 mesh	USP34<786>	
Loss on Drying	0.5% Max	Eur.Ph.7.0[2.8.17]	
Residue on Ignition	≤0.1%	Eur.Ph.7.0[2.4.16]	
Melting Point	80-83°C	Eur.Ph.7.0[2.9.14]	
Solubility	Insoluble in water, Soluble in hot hydrocarbon, alcohol and chloroform		
GMO Status	GMO Free	/	
Chemical Control			
Heavy Metal	10ppm Max	Atomic Absorption	
Arsenic (As)	NMT 2ppm	Atomic Absorption	
Cadmium (Cd)	NMT 1ppm	Atomic Absorption	
Lead (Pb)	NMT 2ppm	Atomic Absorption	
Mercury (Hg)	NMT 1ppm	Atomic Absorption	
Phosphate Organics	NMT 1ppm	Gas Chromatography	
Pesticides Residues	NMT 1ppm	Gas Chromatography	
Microbiological Control			
Total plate count	≤1,000cfu/g	AOAC	
Yeast & Mold	≤100cfu/g	AOAC	
Salmonella	Absent in 10g	AOAC	
E.Coli	Absent in 1g	AOAC	
Staphylococcus aureus	Absent in 1g	AOAC	

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by :

Abdullah Malik (QA)