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SPECIFICATION SHEET

TOCOTRIENOL POWDER DVP 30

Natural Tocotrienol/Tocopherol Powder (30% min)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
TTLDP3	1799	6829-55-6	May 26, 2009	SW	No. 2	TJK

CHARACTERISTICS:	Tocotrienol Powder DVP 30 is an off white powder containing naturally occurring mixture of Tocotrienols and Tocopherols (minimum 30% by weight). It is extracted from the fruits of palm trees (<i>Elaeis guineensis</i>) without the use of solvents. It contains predominantly d- α -Tocotrienol, d- γ -Tocotrienol, d- δ -Tocotrienol and d- α -Tocopherol and is water dispersible.
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Typical Chemical Properties	Specifications	Test Method
Total Tocopherols and Tocotrienols	30.0% min	HPLC
Total Tocopherols and Tocotrienols (typical content)	32.3%	
d- α -Tocopherol (typical content)	8.7%	
d- α -Tocotrienol (typical content)	8.2%	
d- β -Tocotrienol (typical content)	0.9%	
d- γ -Tocotrienol (typical content)	11.0%	
d- δ -Tocotrienol (typical content)	3.5%	
Particle size	55% min thru 20 mesh min	
Bulk density	0.35-0.65g/ml	
Moisture	5.0% max (w/w)	AOCS
Peroxide value	5.0 meq/kg max	AOCS
Heavy metals (as Pb)	10 ppm max	AOCS
Total plate count	5000 cfu/g max	USP
Yeast and mold	100 cfu/g max	USP
Escherichia coli	Absent	USP
Salmonella	Absent	USP

PACKAGING:	Available in 5 kg foil bags. Other types of packaging are available upon request.
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APPLICATIONS:	Is intended for use as a source of mixed Tocotrienols and Tocopherols in dietary supplements, dry mix, beverage and other food applications.
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STORAGE INSTRUCTIONS AND SHELF LIFE:	Store in light proof, airtight containers, in a cool (less than 20°C), dry place (RH less than 40%) and away from light. Shelf life is 24 months when stored under recommended storage conditions listed above, in unopened original containers.
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OTHER:	Product is made in Singapore. Contains Tapioca dextrin and silicon. This material is solvent free. This is a Halal and Kosher certified product (K LBD).
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