PRODUCT DATA SHEET

Revision Date: 12/12

ATUREX[®] 1000IU Tocopherol

D-α Tocopherol

ATUREX D- α 1000IU tocopherol is a light yellow to brownish red, clear, viscous oil. It has a mild, characteristic odour and taste, and its biological avtivity is three times higher than synthetic VE.

FEATURES

- Middle viscosity
- Outstanding color
- Outstanding smell
- Outstanding antioxidant
- Light yellow or brown oily liquid

APPLICATIONS

- Natural antioxidant
- Nutrition enhancer
- Drug
- Food
- Cosmetic
- Feed

PROPERTIESSPECIFICATIONTYPICAL QUALITYAppearanceLight yellow to brownish redPASSAbsorbanceMaximum absorbance(284nm)72-76PASSMinimum absorbance(254nm)5.5-8.0PASSHeavy metal (Pb) ≤ 10 ppmOKAcidity ≤ 2 mgKOH/g1.8 mgKOH/gSulphated ash $\leq 0.1\%$ 0.01%TYPICAL PROPERTIES $= 60\%$ 67.9%Potency, IU/g1000IU1000IUD-alpha tocopherol $\geq 60\%$ 67.9%Specific rotation [q] D25° $\geq +24^\circ$ PASSHANDLING & STORAGEIn unopened, original containers, 24 months at 2 - 25°C, (see Expiry date on original container)In unopened, 50kg, 200kg)PACKAGINGFood grade drum (20kg, 50kg, 200kg)In the period of the period				1000	
Maximum absorbance72-76PASSAbsorbanceMinimum absorbance(254nm)5.5-8.0PASSHeavy metal (Pb) $\leq 10ppm$ OKAcidity $\leq 2 mgKOH/g$ 1.8 mgKOH/gSulphated ash $\leq 0.1\%$ 0.01%TYPICAL PROPERTIES $\geq 60\%$ 67.9%Potency, IU/g1000IU1000IUD-alpha tocopherol $\geq 60\%$ 67.9%Specific rotation [α] D25° $\geq +24^{\circ}$ PASSHANDLING & STORAGEIn unopened, original containers, 24 months at 2 - 25°C, (see Expiry date on original container)CN CODE2936280000PACKAGINGFood grade drum (20kg, 50kg, 200kg)	PROPERTIES	SPECIFICATION		TYPICAL QUALITY	
Absorbanceabsorbance(284nm) $72-76$ Minimum absorbance(254nm)PASSHeavy metal (Pb) $\leq 10 ppm$ OKAcidity $\leq 22 mgKOH/g$ 1.8 mgKOH/gSulphated ash $\leq 0.1\%$ 0.01%TYPICAL PROPERTIES 0.01% Potency, IU/g1000IU1000IUD-alpha tocopherol $\geq 60\%$ 67.9%Specific rotation [α] D25° $\geq +24^{\circ}$ PASSHANDLING & STORAGEIn unopened, original containers, 24 months at 2 - 25°C, (see Expiry date on original container)CN CODE2936280000PACKAGINGFood grade drum (20kg, 50kg, 200kg)	Appearance	Light yellow to brownish red		PASS	
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Sulphated ash $\leq 0.1\%$ 0.01% TYPICAL PROPERTIESPotency, IU/g1000IU1000IUD-alpha tocopherol $\geq 60\%$ 67.9%Specific rotation [α] D25° $\geq +24^{\circ}$ PASSHANDLING & STORAGEIn unopened, original containers, 24 months at 2 - 25°C, (see Expiry date on original container)In unopened, original container)CN CODE2936280000PACKAGINGPACKAGINGFood grade drum (20kg, 50kg, 200kg)	Heavy metal (Pb)	≤10ppm		OK	
TYPICAL PROPERTIESPotency, IU/g1000IU1000IUD-alpha tocopherol $\geq 60\%$ 67.9%Specific rotation [α] D25° $\geq +24^{\circ}$ PASSHANDLING & STORAGEIn unopened, original containers, 24 months at 2 - 25°C, (see Expiry date on original container)CN CODE2936280000PACKAGINGFood grade drum (20kg, 50kg, 200kg)	Acidity	≤2 mgKOH/g		1.8 mgKOH/g	
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HANDLING & STORAGEon original container)CN CODE2936280000PACKAGINGFood grade drum (20kg, 50kg, 200kg)	Specific rotation [a] D25°	≥+24°		PASS	
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	CN CODE	2936280000			
	PACKAGING	Food grade drum (20kg, 50kg, 200kg)			
HEALIN & SAFEIY Please refer to Material Safety Data Sheet	HEALTH & SAFETY	Please refer to Material Safety Data Sheet			



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