

PRODUCT DATA SHEET

Revision Date: 12/12

ATUREX[®] 1000IU Tocopheryl Acetate

D- α Tocopheryl Acetate

ATUREX D- α 1000IU tocopheryl acetate is a clear, pale yellow, viscous oil having a slight characteristic vegetable oil aroma and a mild taste.

FEATURES

- Middle viscosity
- Outstanding color
- Outstanding smell
- Outstanding antioxidant
- Nice transparent

- Pale yellow oil

APPLICATIONS

- Natural antioxidant
- Food
- Cosmetic
- Feed

PROPERTIES	SPECIFICATION		TYPICAL QUALITY
Appearance	Light yellow to brownish red		PASS
Absorbance	Maximum absorbance(284nm)	42-45	PASS
	Minimum absorbance(254nm)	7.0-9.0	
Heavy metal (Pb)	≤ 10 ppm		OK
Acidity	≤ 2 mgKOH/g		0.21 mgKOH/g
Free tocopherol	$\leq 1\%$		0.3%
Sulphated ash	$\leq 0.1\%$		0.08%
Residual solvents	Hexane	≤ 290 ppm	10ppm
	Toluene	≤ 890 ppm	10ppm
TYPICAL PROPERTIES			
Potency, IU/g	1000IU		1000IU
D-alpha tocopheryl acetate	$\geq 73\%$		73.8%
Specific rotation $[\alpha]_{D25^\circ}$	$\geq +20^\circ$		PASS
HANDLING & STORAGE	In unopened, original containers, 24 months at 2 - 25°C, (see Expiry date on original container)		
CN CODE	2936280000		
PACKAGING	Food grade drum (20kg, 50kg, 200kg)		
HEALTH & SAFETY	Please refer to Material Safety Data Sheet		



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