



## Certificate Of Analysis Sheet

### Vitamin E Oil Natural

<b>Product Name</b>		D Mixed Tocopherol (Vitamin E)			
<b>INCI</b>		tocopherol			
<b>Batch</b>	Product package	<b>Type</b>	1000 IU/g	<b>Expiry Date</b>	November 2027

#### TEST RESULTS

ANALYTICAL TEST	SPECIFICATION RANGE	RESULT
Appearance	Clear liquid yellow to brownish red	Conforms
Odour	Characteristic	Conforms
Specific Rotation (Degrees)	$\geq +20.0$	+24.11
Acidity (ml/g)	$\leq 1.0$	0.20
Heavy Metals ppm	$\leq 10.0$	Conforms
Arsenic ppm	$\leq 3.0$	Conforms
Total Tocopherol (%)	$\geq 70.0$	70.55
Alpha Tocopherol (%)	0.0 – 14.0	6.19
D- beta and D-Gamma Tocopherol (%)	$\geq 37.0$	44.56
D- delta Tocopherol (%)	$\geq 18.5$	19.80
D-beta/ Gamma/Delta as % of total Tocopherols (%)	$> 80.0$	91.23
Benzopyrene		Conforms
Total Plate Count(cfu/g)	$< 1000$	Conforms
Yeasts and Moulds (cfu/g)	$< 100$	Conforms
E. Coli	Negative	Negative

#### STORAGE

Shelf life of this product is influenced by many conditions of which temperature, exposure to light / air and general good storage are the major factors. Material stored in adverse conditions may deteriorate much faster. Our suggested "Re-test" date shown on this certificate reflects a minimum period in which we would expect product to remain in good usable conditions if stored as recommended. Thereafter its continued shelf life may be very much longer and we advise re-test at the indicated date and then every 3-6 months up to a suggested commercial expiry date as shown below. The expiry date is subjective and should be controlled by QC/QA. Typical indicators of re-test failure would be changes in organoleptic properties (clarity / colour / sediment / haze / off odour etc) Such changes may be gradual and slight and the commercial expiry date is intended to reflect a viable maximum proposal subject to earlier re-test approvals

The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions. This report is not to be signed. All data are as per our supplier.

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