

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Vitamin E (dl-alpha tocopheryl acetate)
INCI Name: Tocopheryl acetate
CAS Number: 7695-91-2
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 35 months from production date

Property	Specification	Results
Appearance	Slight yellow, greenish oily liquid	Conforms
Assay	≥98.00%	98.90%
Identification	Corresponding to A, B, and C	Conforms
Specific Optical Rotation	-0.01° to +0.01°	Conforms
Absorbance (284nm)	42.0 ~ 45.0	Conforms
Absorbance (254nm)	7.5 ~ 9.0	Conforms
Density (@ 20°C)	0.952 ~ 0.966 g/mL	Conforms
Acidity	≤1.0 mL	0.06 mL
Reference Index	1.494 ~ 1.498	Conforms
Heavy Metals	≤10 ppm	<10 ppm
Arsenic	≤1 ppm	<1 ppm
Cadmium	<1 ppm	<1 ppm
Lead	≤2 ppm	<2 ppm
Mercury	≤0.1 ppm	<0.1 ppm
Related Substances (Single impurity)	≤1.00%	0.1%
Related Substances (Total)	≤2.50%	0.65%
Residue on Ignition	≤0.10%	<0.10%
Residual Solvents	Meet the requirement	Conforms

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy themselves as to the suitability & completeness of such information for their own particular use.

Total Plate Count	≤1,000 CFU/g	<1,000 CFU/g
Yeast & Mold	≤100 CFU/g	<100 CFU/g
Coliforms	≤10 CFU/g	<10 CFU/g
E. Coli	Negative	Negative
Staph. Aureus	Negative	Negative
Salmonella	Negative	Negative

“Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. The above data was 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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