

## Certificate of Analysis

### (Representative Sample Certificate)

**Product Name:** Vitamin E Nicotinate  
**INCI Name:** Tocopheryl Nicotinate  
**CAS Number:** 86362-36-9  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 36 months from production date

Property	Specification	Analysis
Description	Yellow to yellowish orange liquid or solid	Conformed
Identification (1)	Both sample spectrum and reference spectrum exhibit similar intensities of absorption at the same wavelength	Conformed
Identification (2)	Both sample spectrum and reference spectrum exhibit similar intensities of absorption at the same wave numbers	Conformed
Heavy Metals	Not more than 20ppm	Within Limit
Arsenic	Not more than 2 ppm	Within Limit
Related substance	The total area except for tocopherol nicotinate from test solution is not larger than the area of tocopherol nicotinate from standard solution. Area of the peak which has a retention time 0.8-0.9 times that of tocopherol nicotinate from the sample solution is not larger than 4/7 of the are of the tocopherol nicotinate peak from the standard solution.	Conformed
Assay	Not less than 96.0%	98.8%

“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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