

CERTIFICATE OF ANALYSIS

Product Name:	Vitamin E Nicotinate		
INCI Name:	Tocopheryl Nicotinate		
CAS Number:	86362-36-9		
Batch Number	20221025	Manufacture Date	20221025
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 area of the tocopherol nicotinate peak from the standard solution.	Conformed
Assay	Not less than 96.0%	98.8%

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.

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

