

## PRODUCT SPECIFICATION

**PRODUCT:** V0550

Trade Name: **Vitamin E - TPGS - D- $\alpha$ -tocopheryl polyethylene glycol 1000 succinate**

CA-Registry-No.: 9002-96-4

BMP 18/06/08-03

Date of issue: 09. 11. 2020

### SPECIFICATION:

Appearance:	A light brown wax, free from foreign particles
Identity (HPLC):	identical
Assay $\alpha$ -Tocopherol	nlt. 25.0 % w/w
Optical rotation	Tested after saponification of Vitamin E TPGS; nlt. 24.0°
Solubility (c = 20 g in 80 mL H <sub>2</sub> O)	soluble
Acid value	nmt. 0.27 ml/g

#### Additional tests according to CU Uetikon

Coloration	nmt. 10 Gardner
Assay (HPLC):	Monoester nlt. 65.0 % w/w
Content (HPLC):	Diester nmt. 20 % w/w
Related substances (HPLC):	
Vitamin E succinate	nmt. 1.0 % w/w
$\alpha$ -Tocopherol	nmt. 1.5 % w/w
PEG 1000	nmt. 15 % w/w
Residual solvents:	
Ethylacetate	nmt. 1000 ppm
Toluene	nmt. 100 ppm

Product is in conformity with the specification of the current NF.

The information submitted in this publication is based on our current knowledge and experience.  
It does not relieve the purchaser from examining the product upon delivery and gives no assurance of suitability of the product for any particular purposes