

Commission Regulation (EU) No 231/2012 of 9 March 2012 laying down specifications for food additives listed in Annexes II and III to Regulation (EC) No 1333/2008 of the European Parliament and of the Council (Text with EEA relevance)

Changes to legislation: There are currently no known outstanding effects for the Commission Regulation (EU) No 231/2012, E 309 DELTA-TOCOPHEROL. (See end of Document for details)

ANNEX

E 309 DELTA-TOCOPHEROL

Synonyms	
Definition	
Einecs	204-299-0
Chemical name	2,8-dimethyl-2-(4',8',12'-trimethyltridecyl)-6-chromanol
Chemical formula	C ₂₇ H ₄₆ O ₂
Molecular weight	402,7
Assay	Content not less than 97 %
Description	Clear, viscous, pale yellowish or orange oil which oxidises and darkens on exposure to air or light
Identification	
Spectrometry	Maximum absorptions in absolute ethanol at about 298 nm and 257 nm
Purity	
Specific absorption $E_{1\%}^{1\text{cm}}$ in ethanol	$E_{1\%}^{1\text{cm}}$ (298 nm) between 89 and 95 $E_{1\%}^{1\text{cm}}$ (257 nm) between 3,0 and 6,0
Refractive index	$[n]_{\text{D}}^{20}$ 1,500-1,504
Sulphated ash	Not more than 0,1 %
Arsenic	Not more than 3 mg/kg
Lead	Not more than 2 mg/kg
Mercury	Not more than 1 mg/kg

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