

Product Specification

Effective from 08.09.2014

Vitamin E 500 FG
PRD-No. 30079657

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126894

Revision 1
NOT FOR REGULATORY PURPOSES

<u>Test parameter</u>	<u>Requirement</u>	<u>Test method</u>
Assay		
Vitamin E (DL-alpha-tocopheryl acetate) (HPLC)	500 to 600 I.U./g	AOAC
Characters		
Appearance	Off-white, free-flowing powder	Visual
Tests		
Loss on drying (105 °C)	≤ 3 %	AOAC
Lead ⁽¹⁾	≤ 2 mg/kg	ICP
Cadmium ⁽¹⁾	≤ 1 mg/kg	ICP
Mercury ⁽¹⁾	≤ 0.1 mg/kg	AAS
Arsenic ⁽¹⁾	≤ 1 mg/kg	ICP
Heavy metals ⁽¹⁾	≤ 10 mg/kg	ICP
Total aerobic microbial count (TAMC)	≤ 1000 CFU/g	AOAC
Total combined yeasts/mould count (TYMC)	≤ 100 CFU/g	AOAC
Bile tolerant gram neg. bacteria	Abs. in 1 g	AOAC
Escherichia coli	Abs. in 1 g	AOAC
Staphylococcus aureus	Abs. in 10 g	USP
Salmonella	Abs. in 375 g	AOAC

⁽¹⁾ This test is verified on random samples only

The product meets the requirements of this specification.

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Furthermore, the included active ingredient complies with the current monographs: 'all-rac-alpha-tocopheryl acetate' Ph. Eur., 'Vitamin E' USP and, 'all-rac-alpha-tocopheryl acetate' FCC

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