

杭州东瑞医药科技有限公司
HANGZHOU DAWN RAY PHARMACEUTICAL CO.,LTD.

CERTIFICATE OF ANALYSIS

Vitamin E succinate

Batch No.: TS20101202	Quantity: 500kg
Package Size: 25kg/drum	Specification: 1210IU
Manufacture Date: 2010.12.02	Expiry Date: 2012.12.01

TESTS:

Items	Specification	Results
Characteristics	A white or almost white,crystalline powder,practically insoluble in water,soluble in acetone and in ethanol,very soluble in methylene chloride	White powder
Identification	Infrared absorption spectrophotometry obtained by the substance to be examined conforms to that obtained by the reference substance.	Conforms
Specific optical rotation	$\geq \pm 24^\circ$	+27.1°
Absorbance	Maximum absorbance(284nm) 35-38 Minimum absorbance(254nm) 6.0-8.0	Conforms
Acid value	101-108	106.8
Free tocopherol	$\leq 1\%$	0.4%
Heavy metals	$\leq 10\text{ppm}$	Conforms
Residual solvents	Hexane: $\leq 290\text{ppm}$ Butanone: $\leq 0.5\%$	20ppm 0.03%
Sulphated ash	$\leq 0.1\%$	0.03%
Assay	96.0-102.0%	97.3%

Conclusion: The results conform to Ph.Eur.6.0.

Analyst: _____

Checker: _____

QA.Manager: _____

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