

Fax No 00302105579384

2021-04-06
ENT/OQA
Hr. Dr. Florian Wildschek
florian.wildschek@basf.com
Certificate No 1605
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Inspection Certificate 3.1 according to EN 10204

Vitamin E-Acetate Care

25KG Plastic drums

Purchase Order/Customer Product#

2110164

00000000050131677

Material	50131677
Order	3384566348 000010
Delivery	3194410290 000010
Lot	84218824U0
Lot/Qty	50.000 KG
Total	50.000 KG
Transport	00000000001030363913

Manufacturing Location: DE, 67056 Ludwigshafen, Carl-Bosch-Str. 38

Test Parameter	Requirements	UoM	Results
Appearance PM/01055	viscous light yellow oil		conforms
Identification (GC) (Retention Time) Ph.Eur.	must conform		conforms
Assay DL-alpha-Tocopheryl acetate (GC) (Ph.Eur.) Ph.Eur.	Min.: 96.5 Max.: 102.0	g/100g	99.3
Assay DL-alpha-Tocopheryl acetate (GC) (USP) Vitamin E USP43/NF38 (=PM/00	Min.: 96.0 Max.: 102.0	g/100g	99.3
Assay DL-alpha-Tocopheryl acetate (GC) (FCC) USP	Min.: 960 Max.: 1020	I.U./g	993
Related substances (Impurity A) Ph.Eur.	Max.: 0.5	Area-%	<0.1
Related substances (Impurity B) Ph.Eur.	Max.: 1.5	Area-%	<0.1

The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of risk. The data are controlled at regular intervals as part of our quality assurance program. Neither these data nor the properties of product specimens shall imply any legally binding guarantee of certain properties or of fitness for a specific purpose. No liability of ours can be derived therefrom.

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Test Parameter	Requirements	UoM	Results
----- Related substances (Impurity C) Ph.Eur.	Max.: 0.5	Area-%	<0.1
Related substances (sum of impurity D and E) Ph.Eur.	Max.: 1.0	Area-%	0.1
Related substances (total impurities) Ph.Eur.	Max.: 2.5	Area-%	0.1
Related substances (any other impurity) Ph.Eur.	any other impurity max. 0.25 Area -%		conforms
Optical rotation Ph.Eur.	Min.: -0.01 Max.: +0.01	degree	+0.00
Acidity USP	must conform		conforms
Residual solvent * methanol PM/00544	must conform (max.3000mg/kg)		conforms
Residual solvent * heptane PM/00544	must conform (max.0, 5g/100g)		conforms

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* test verified on random samples

Manufacturer: BASF SE
Carl-Bosch-Str.38
67056 Ludwigshafen
Germany

QC-Reference-No.	20C08898
Production date	(YYYY-MM-DD) 2020-07-06
Release date	(YYYY-MM-DD) 2020-09-29
Best before/Retest date	(YYYY-MM-DD) 2023-07-06

BASF SE
Quality Assurance - Release
sig. Fr. Surdmann
QA-Representative

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