

Please note that the certificates of analysis are also conveniently available on your BASF online portal.

BASF ARGENTINA S.A.

2022-08-23

Certificate No 1828

Tucuman 1

Page 1 of 3

1049 Ciudad Autonoma de Buenos Aires

Hr. Dr. Florian Wildschek

ENT/OQA

florian.wildschek@basf.com

Argentina

Inspection Certificate 3.1 according to EN 10204

Vitamin E-Acetate Care

Material

50131677

Order

3018528553 000010

Delivery

3196270877 000010

Lot

59023316K0

25KG Plastic drums

Purchase order/Customer material

4971382525

Lot/Qty

450.000 KG

000000000050131677

Total

450.000 KG

Transport

PONU0445780

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

Test Parameter	Requirements	UoM	Results
Appearance PM01055QC	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	98.7
Assay DL-alpha-Tocopheryl acetate (GC) (USP) USP	Min.: 96.0 Max.: 102.0	g/100g	99.4
Assay DL-alpha-Tocopheryl acetate (GC) (FCC) USP	Min.: 960 Max.: 1020	I.U./g	994
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-%	0.5
Related substances (total impurities) Ph.Eur.	Max.: 2.5	Area-%	0.5
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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Manufacturing Location: DE, 67056 Ludwigshafen, Carl-Bosch-Str. 38

* test verified on random samples

Manufacturer: BASF SE

Carl-Bosch-Str.38

67056 Ludwigshafen

Germany

QC-Reference-No.

22C03539

Production date

(YYYY-MM-DD) 2022-03-01

Release date

(YYYY-MM-DD) 2022-03-22

Best before/Retest date

(YYYY-MM-DD) 2025-02-28

BASF SE

Quality Assurance - Release

sig. Fr. Surdmann

QA-Representative

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