

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

BASF ARGENTINA S.A.

2023-05-11

Certificate No 4854

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Tucuman 1

1049 Ciudad Autonoma de Buenos Aires
CIUDAD DE BUENOS AIRES
Argentina

Hr. Dr. Florian Wildschek
ENT/QA
florian.wildschek@basf.com

Inspection Certificate 3.1 according to EN 10204

Vitamin E-Acetate Care

Material	50131677
Order	3019316310 000010
Delivery	3197081179 000010
Batch	28348236W0
Batch/Qty	2250.000 KG
Total	2250.000 KG
Transport	TCLU7182029

25KG Plastic drums

Purchase order/Customer material

4979170370

000000000050131677

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	99.0
Assay DL-alpha-Tocopheryl acetate (GC) (FCC) USP	Min.: 960 Max.: 1020	I.U./g	990
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 above-mentioned data describes the relevant parameters of the product at the time of issuing this certificate of analysis (CoA). The data is controlled at regular intervals as part of our quality assurance program and is provided for reference only. The contractually agreed quality of the product at the time of passing of risk is exclusively determined by our product specification. Unless specifically agreed by the Parties in writing signed by authorized representatives, no suitability for a particular use shall be presumed or implied based on the CoA and the customer is solely responsible for determining and verifying the suitability of the use of the product for any purpose.

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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-%	0.7
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. 23C00847

Production date (YYYY-MM-DD) 2023-01-11

Release date (YYYY-MM-DD) 2023-01-24

Best before/Retest date (YYYY-MM-DD) 2026-01-10

BASF SE

Quality Assurance - Release

sig. Hr. Frühbeis

QA-Representative

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