

เลขที่การวิเคราะห์ (Analysis No.) : PR2401005

Sampling : 14 ទារក 168

REV.03 / OCT 01, 2022



รายงานผลการตรวจสอบคุณภาพวัตถุดิบ

(Raw Material Inspection Report)

Analysis No. : RR1A0109Cชื่อวัตถุดิบ (RM Name) : Vitamin E-Acetate Care รหัสวัตถุดิบ (RM Code) : RSLQ00004ชื่อทางเคมี (INCI Name) : Tocopheryl Acetateผู้ผลิต (Manufacturer) : BASFผู้ขาย (Supplier) : Catalite Co., Ltd.เลขที่รับ (Receiving No.) : RR1A0109C รุ่นการผลิต (Lot/Batch) : 512CC05C90 ปริมาณที่รับ (Quantity Receive) : 15.00 Kg. x 1 Pcs.วันที่ผลิต (MFG. Date) : 06 / 06 / 2023 วันหมดอายุ (EXP. Date) : 05 / 06 / 2025 วันที่ตรวจ (Checked Date) : 29/01/24 Sampling : 1

ลำดับ (No.)	หัวข้อตรวจสอบ (Item)	วิธีการปฏิบัติ (Work Instruction)	ข้อกำหนดเฉพาะ (Specification)	ผลตรวจสอบ (Results)
1	คุณลักษณะ (Appearance)	WI-QC-001	Viscouse Oil	Viscous Oil
2	สี (Color)	WI-QC-001	Light Yellow	Light Yellow
3	กลิ่น (Odor)	WI-QC-002	Characteristic	As standard
4	ความเป็นกรด - ด่าง (pH)	WI-QC-003	-	-
5	ความหนืด (Viscosity)	WI-QC-011	-	-
6	ความถ่วงจำเพาะ (Specific Gravity)	WI-QC-005	-	-
7	จุดหลอมเหลว (Melting Point)	WI-QC-006	-	-
8	การละลาย (Solubility)	WI-QC-001	Insoluble in water	Insoluble in water
9	การตรวจสอบเชื้อแบคทีเรียทั้งหมด (Total Bacterial)	WI-QC-015	-	-
	Tocopheryl acetate (GC) (Retention Time)	Refer COA	96.5 - 105.0 g/100g	Conforms
	Tocopheryl acetate (GC) (Ph.Eur.)	Refer COA	96.0 - 102.0 g/100g	aa. 5
	Tocopheryl acetate (GC) (USP)	Refer COA	960 - 1020 IU/g	aa. 1
	Impurity A	Refer COA	max. 0.5 Area-%	<0.1
	Impurity B	Refer COA	max. 1.5 Area-%	<0.1
	Impurity C	Refer COA	max. 0.5 Area-%	<0.1
	Sum Impurity D and E	Refer COA	max. 1.0 Area-%	0.2
	any other Impurity	Refer COA	max 0.25 Area-% each	Conforms
	Sum Impurities	Refer COA	max. 2.5 Area-%	0.2
	Acidity	Refer COA	must conform	Conforms
	Residual solvent (Methanol-class2)	Refer COA	max. 3000 mg/kg	Conforms
	Residual solvent Heptane	Refer COA	max. 0.5 g/100g.	Conforms

การเก็บรักษา (Storage) : Should be stored tightly sealed in a dry place. Protect against heat. Store in the unopened original container at room temperature. Shelf life 36 months. (Room Temperature@25°C)

หมายเหตุ (Remark) :

ผลการตรวจสอบ (Result) : ☒ ผ่าน (Approved) ☐ รอการพิจารณา (Pending) ☐ ไม่ผ่าน (Rejected)

เหตุผล (Reason) :

Inspected by :

Date :

Position :

Approved by :

Date :

Position :

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

CATALITE CO., LTD.

36-36/1 Chaloem Phrakiat Ratchakan

10250 Bangkok
Thi 9 Soi 28 Yak 10, Chaloem Phraki
Thailand

2023-10-11

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Certificate No 5889

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

Inspection Certificate 3.1 according to EN 10204
Vitamin E-Acetate Care

25KG Plastic drums
Purchase order/Customer material
PO23090074
000000000050131677

Material	50131677
Order	6011553348 000010
Delivery	3197506509 000010
Lot	51266056P0
Lot/Qty	1525.000 KG
Total	1800.000 KG
Transport	RDE62RT

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	99.5
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
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Related substances (sum of impurity D and E) Ph.Eur.	Max.: 1.0	Area-%	0.2
Related substances (total impurities) Ph.Eur.	Max.: 2.5	Area-%	0.2
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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We create chemistry

Certificate of Analysis

BASF SE

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36-36/1 Chaloom Phrakiat Ratchakan

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* test verified on random samples

Manufacturer: BASF SE

Carl-Bosch-Str.38

67056 Ludwigshafen

Germany

QC-Reference-No.

23C06605

Production date

(YYYY-MM-DD) 2023-06-06

Release date

(YYYY-MM-DD) 2023-07-03

Best before/Retest date

(YYYY-MM-DD) 2026-06-05

BASF SE

Quality Assurance - Release

sig. Fr. Surdmann

QA-Representative

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