

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

PT. GLOBAL CHEMINDO MEGATRADING

2024-06-14

Certificate No 2548

Page 1 of 6

KAV. II G5 NO. 23 LT.4 UNIT A, JALAN RAYA PULOGADUNG

13930 JAKARTA TIMUR

KEC. CAKUNG

Indonesia

Hr. Dr. Florian Wildschek

ENT/QA

florian.wildschek@basf.com

Certificate of Analysis according to DIN 55350-18-4.2.2

Kollicoat® IR

20KG Plastic drums

Purchase order/Customer material

PO03610

55554797

Material

Order

Delivery

Batch

Batch/Qty

Total

Transport

55554797

6012178454 000010

3198209738 000010

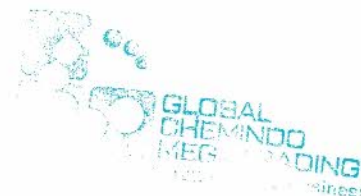
18170024U0

1160.000 KG

1600.000 KG

MRKU8426300

Test Parameter	Requirements	UoM	Results
Appearance	white to faintly yellow powder		conforms
Identification (IR)	must conform		conforms
Heavy metals	Max.: 20	mg/kg	<20
Viscosity (Brookfield, Spindle 2)	Min.: 50 Max.: 250	mPas	130
pH-value	Min.: 5.0 Max.: 8.0		6.8
Sulphated ash / residue on ignition	Max.: 2.0	g/100g	1.0
Ester value	Min.: 10.0 Max.: 70.0	mg KOH/g	13.6
Loss on drying	Max.: 5.0	g/100g	1.2
Vinyl acetate (Ph.Eur. impurity A)	Max.: 20	mg/kg	<10
Acetic acid (Ph.Eur. impurity B)	Max.: 15000	mg/kg	6200



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Batch/Qty

1160.000 KG

55554797

Total

1600.000 KG

Transport

MRKU8426300

Test Parameter	Requirements	UoM	Results
Ethylene oxide	Max.: 1	mg/kg	<1
1,4-dioxane	Max.: 10	mg/kg	<10
Ethylene glycol	Max.: 400	mg/kg	<50
Diethylene glycol	Max.: 400	mg/kg	<50
Sum of Ethylene glycol/Diethylene glycol	Max.: 400	mg/kg	<100
Arsenic	Max.: 3	mg/kg	<3
Lead	Max.: 1	mg/kg	<1
Mercury	Max.: 1	mg/kg	<1
Cadmium	Max.: 1	mg/kg	<1
Total aerobic microbial count (TAMC) Test method Ph.Eur., 2.6.12	Max.: 200	CFU/g	<10
Total combined yeasts/moulds count (TYMC) Test method Ph.Eur., 2.6.12	Max.: 20	CFU/g	<10

GLOBAL CHEMINDO MEGATRADING
Jl. Raya Pulogadung No. 23 Lt. 4 Unit A
Kav. II G5 Jakarta Timur 13930

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Batch/Qty

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Total

1600.000 KG

Transport

MRKU8426300

Kollicoat IR may contain traces of colloidal anhydrous silica.

The product meets the requirements of the monograph:

"Macrogol Poly(vinylalcohol) Grafted Copolymer" Ph.Eur. 11th edition

"Ethylene Glycol and Vinyl alcohol Graft Copolymer" USP-NF 2023, Issue1

"Polyvinyl alcohol - polyethylene glycol graft copolymer" of JPE 2018

Manufacturer: BASF SE

Carl-Bosch-Str.38

67056 Ludwigshafen

Germany

QC-Reference-No.

24C00580

Production date

(YYYY-MM-DD) 2023-12-21

Release date

(YYYY-MM-DD) 2024-05-21

Retest date

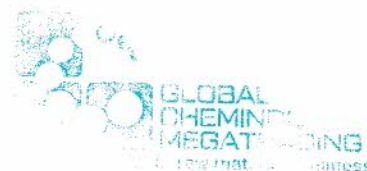
(YYYY-MM-DD) 2028-12-19

BASF SE

Quality Assurance - Release

sig. Fr. Surdmann

QA-Representative



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Kollicoat® IR

Material

55554797

Order

6012178454 000010

Delivery

3198209738 000010

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Batch/Qty

440.000 KG

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1600.000 KG

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Ester value	Min.: 10.0 Max.: 70.0	mg KOH/g	15.5
Loss on drying	Max.: 5.0	g/100g	0.8
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GLOBAL
CHEMINDO
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Business

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67056 Ludwigshafen

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QC-Reference-No.

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Release date

(YYYY-MM-DD) 2024-04-05

Retest date

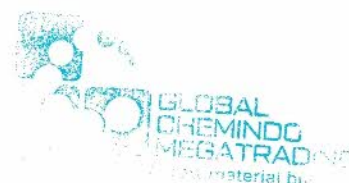
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