

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

The Chemie Hub TR İç Dış Tic.A.Ş.

2023-09-19

Certificate No 5226

Page 1

Gayrettepe mah. Fuat Sarp sk.

Hr. Dr. Florian Wildschek

34345 İstanbul

ENT/QA

Beşiktaş

florian.wildschek@basf.com

Türkiye

**Inspection Certificate 3.1 according to EN 10204**

Lucarotin® 30 SUN

Material

50507836

4x5KG Fibreboard boxes

Purchase order/Customer material

Lot

16775688Q0

TCH TR 2851-2023

000000000050507836

Test Parameter	Requirements	UoM	Results
Assay Beta-Carotene (photometr.) ( A(1/1) 455 nm=2500 in Cyclohexane )	Min.: 30.0	g/100g	31.3
Appearance	brick red dispersion		conforms
Identification Beta-Carotene (photometr.)	must conform		conforms
Peroxide Value	Max.: 10	meq/kg	1
Lead *	must conform (max.0.5mg/kg)		conforms
Cadmium *	must conform (max.0.5mg/kg)		conforms
Mercury*	must conform (max.0,1mg/kg)		conforms
Arsenic *	must conform (max.1mg/kg)		conforms
Heavy metals *	must conform (max.10mg/kg)		conforms
Total aerobic microbial count * (TAMC)	must conform (max. 1000 CFU/g)		conforms
Total combined yeasts/moulds count * (TYMC)	must conform (max. 100 CFU/g)		conforms

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.

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

The Chemie Hub TR İç Dış Tic.A.Ş.

2023-09-19

Certificate No 5226

Page 2

Gayrettepe mah. Fuat Sarp sk.

Hr. Dr. Florian Wildschek

34345 İstanbul

ENT/QA

Beşiktaş

florian.wildschek@basf.com

Türkiye

### Inspection Certificate 3.1 according to EN 10204

Lucarotin® 30 SUN

Material

50507836

4x5KG Fibreboard boxes

Purchase order/Customer material

Lot

16775688Q0

TCH TR 2851-2023

00000000050507836

Test Parameter	Requirements	UoM	Results
bile-tolerant gram-negative bacteria *	must conform (Absent in 10 g)		conforms
Escherichia coli *	must conform (Absent in 10 g)		conforms
Staphylococcus aureus *	must conform (Absent in 10 g)		conforms
Salmonella *	must conform (Absent in 25 g)		conforms
Pseudomonas aeruginosa *	must conform (Absent in 10 g)		conforms

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.

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

The Chemie Hub TR İç Dış Tic.A.Ş.

2023-09-19

Certificate No 5226

Page 3

Gayrettepe mah. Fuat Sarp sk.

Hr. Dr. Florian Wildschek

34345 İstanbul

ENT/QA

Beşiktaş

florian.wildschek@basf.com

Türkiye

**Inspection Certificate 3.1 according to EN 10204**

Lucarotin® 30 SUN

Material

50507836

4x5KG Fibreboard boxes

Lot

16775688Q0

Purchase order/Customer material

TCH TR 2851-2023

000000000050507836

\* This test is verified on random samples only.

The active ingredient of Lucarotin(R) 30 SUN meets the requirements of the current FCC (β-Carotene), Ph.Eur. (Betacarotene) and USP (Beta Carotene) monographs. The active ingredient also complies to the current JECFA monograph for β-CAROTENE, synthetic (INS 160a(i)) and the current specification for Beta-Carotene (E160a(i)) of the European Regulation (EU) No 231/2012.

Manufacturer: BASF SE

Carl-Bosch-Str.38  
67056 Ludwigshafen  
Germany

QC-Reference-No.

23C02389

Production date

(YYYY-MM-DD) 2023-02-16

Release date

(YYYY-MM-DD) 2023-03-10

Retest date

(YYYY-MM-DD) 2027-02-15

BASF SE

Quality Assurance - Release

sig. Hr. Frühbeis

QA-Representative

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.