



Hochdruckextraktion mit CO₂

since 1986

FLAVEX[®]
Naturextrakte

Certificate of Analysis

Chili CO₂-to extract (organic), high colour, type no. 049.006

3,1 % Capsaicinoids, DE-ÖKO-013

batch no. 302114, lab no. 29086

production: April 2020

retest: April 2025

raw material:

Capsicum frutescens - Fruit with seeds, dried, from organic

country of origin of raw material: India

country of origin of product: Germany

D/E - ratio:

4,0 - 5,9 kg raw material yield 1 kg product.

Product contains:

about 30 % Rapeseed oil (organic)



Sensory Check

feature	reference	result
Appearance:	Dark red, clear liquid	meets
Odour:	pungent smell	meets

Analytical Check

feature	method	limits	value	unit
Nordihydrocapsaicin	21.030.07, HPLC	n.s.	0,20	%
Nonivamide	21.030.07, HPLC	< 0,16	0,02	%
Capsaicin	21.030.07, HPLC	n.s.	1,7	%
Dihydrocapsaicin	21.030.07, HPLC	n.s.	1,2	%
Sum of Capsaicinoids	21.030.07, HPLC	3,0 - 3,2	3,1	%
Sum of Carotenoids (calc. as β-Carotene)	21.008.05, Spectrometer	0,60 - 1,0	0,62	%
Colour units	21.055.02, 460 nm	10.000 - 17.000	10.460	C.U.
Aflatoxine B1	21.193.02, HPLC	EC No. 1881/2006	meets	ppb
Total Aflatoxines B1,B2,G1,G2	21.193.02, HPLC	EC No. 1881/2006	meets	ppb
Ochratoxin A	21.197.01, HPLC	EC No. 1881/2006	meets	ppb
Sudan Colours (Sudan I,II,III,IV und Red B)	21.134.01, HPLC; detection limit: 0,1 ppm	< 0,1	meets	ppm

n.s. = not specified

n.d. = not detected

Digitally signed by Robin Dennemark

Reason: quality control

Date: 2020.04.01 13:41:49 +02'00'

The product meets specifications no. 049.006_01_AS and 66.518.02; date of analysis: 2020.04.01

This computerized CoA has digital signature validated by FLAVEX QC.

The data in this report of analysis have been determined carefully and to the best of our knowledge. Depending on transport and storage conditions the indicated data can be subject to certain changes which are outside of our influence. Hence the report has not the meaning of a guaranty in the legal sense and does not dispense the customer from making his own quality control before using the product.

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