

PRODUCT NAME	PRODUCT CODE	LOT
Curcuma Longa CO2-to Extract	CO211	742425
BEST BEFORE DATE	DATE OF ISSUE	
30. 11. 2029	21. 8. 2026	

All data and facts above are taken from the certificate provided by the manufacturer. This certificate confirms that the product meets all specified quality parameters and regulatory requirements.

1 GENERAL IDENTIFICATION DATA

PARAMETER	VALUE
INCI	Curcuma Longa (Turmeric) Root Extract
CAS No.	84775-52-0
EC number	283-882-1
HS code	13021970
Botanical source	Curcuma longa L.
Product color	Yellow, Orange
Country of origin	Germany
Grade	Food Grade, Cosmetic Grade
Processing method	CO2 Extraction, Drying
Origin of product	Vegetable
Storage conditions	Protect from light, Store in a dry and clean environment, Store in a cool place, Keep container tightly closed
Odour	Characteristic
Appearance	Oil solution

2 ANALYTICAL PARAMETERS

PARAMETER	RESULT	SPECIFICATION
Benzo[a]pyrene, C20H12 (ppm)	Complies	< 10,0
Refractive index at 20 °C	1,5160	1,510 - 1,580
Essential oil content (%)	87,3	70 - 90
Water content (%)	0,47	n.s.
Sum of benzo(a)pyrene, benz(a)anthracene, benzo(b)fluoranthene and chrysene (ppm)	Complies	< 50,0
Sum of curcuminoids (as curcumin) (%)	0,11	< 0,5

Specific density at 20 °C (g/cm3) 0,9448 0,935 - 0,965

3 MICROBIOLOGICAL PARAMETERS

PARAMETER	VALUE
Ochratoxin A (ppb)	10,7

4 FATTY ACID PROFILE

PARAMETER	RESULT	SPECIFICATION
1,8-Cineole (%)	0,37	n.s.
alpha-Turmerone (%)	23,1	n.s.
ar-Turmerone (%)	30,9	n.s.
beta-Turmerone (%)	14,4	n.s.
Sum of turmerones (as ar-turmerone) (%)	68,4	> 55

Document is signed with a qualified electronic signature, which has the same legal effect as a handwritten signature.

DIGITALLY SIGNED DOCUMENT

Signed by: Handymade s.r.o. — Quality department

Signed on: 21. 8. 2026 · Fingerprint: 95DE BD7C A143 58CA

Handymade

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