



Spezifikation

Produktbezug:	
Produktnummer	458377DOL95
Handelsname / Bezeichnung	Curcuma Wurzel Extrakt 95% Turmeric Root Extract 95%
CAS Nummer	458-37-7
Andere Bezeichnungen / Synonyme	•(1E,6E)-1,7-bis(4-hydroxy-3-methoxyphenyl)hepta-1,6-diene-3,5-dione; •1,7-bis(4-hydroxy-3-methoxyphenyl)hepta-1,6-diene-3,5-dione;
EG Nummer	207-280-5
Zolltarifnummer / CN- Code	32030010
Molekulargewicht [g/mol]	368.3799
Formel	C ₂₁ H ₂₀ O ₆

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen	visuell	gelbes bis oranges Pulver	
Geschmack		charakteristisch	
Physikalische Parameter			
Trocknungsverlust	USP<731>	≤ 2,0	%
Schüttdichte	Atomic Absorption	0,3 – 0,5	g/ml
Löslichkeit		in Wasser: unlöslich	
Identifikation			
Gehalt	HPLC	Curcuminoids ≥ 95	%
Identifizierung	HPTLC	entspricht	
Verunreinigungen			
Aflatoxine	EC 1881/2006	A1+A2+B1+B2: ≤ 10	ppb
Aflatoxine	EC 1881/2006	B1: ≤ 5	ppb
Benzo[a]pyren (BAP)		≤ 10	ppb
Glührückstand	USP<281>	≤ 2,0	%

Schwermetalle (als Pb)	Atomic Absorption	≤ 10,0	ppm
Polyzyklische aromatische Kohlenwasserstoffe (PAH)		≤ 50	ppb
Pestizide	EU 396/2005/EC	EU Directive	ppb
Elementare Verunreinigungen			
Arsen (As)	Atomic Absorption	≤ 1,0	ppm
Cadmium (Cd)	Atomic Absorption	≤ 1,0	ppm
Quecksilber (Hg)	Atomic Absorption	≤ 0,1	ppm
Blei (Pb)	Atomic Absorption	≤ 3,0	ppm
Mikrobiologische Daten			
Kolibakterien	USP <2022>	neg.	
Salmonellen	USP <2022>	neg.	
Staphylococcus Aureus	USP <2022>	neg.	
Gesamtkeimzahl	USP <2021>	≤ 1000	CFU/g
Schimmel und Hefe	USP <2021>	≤ 100	CFU/g
Partikelgrößenverteilung			
Partikel	USP<786>	80 mesh: ≥ 95	%

Regulatorische Informationen:

Restlösemittel (EU 2009/32/EC): EU Directive

Zusätzliche Angaben:

Mindesthaltbarkeit: 36 Mon.

Lagerbedingungen: In dicht geschlossenen Behältern, bei Raumtemperatur, sauber und trocken, fern von direkter Sonneneinstrahlung und Wasser lagern.

Verpackung: Verpackt in 25 kg Fasertrommeln mit PE-Innensäcken.

regionaler Ursprung: CN

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 21. Jun. 2019

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