



## Specification

Concerning Product:	
Article number	458377AEL
Trade name / designation / denomination	Curcuma, Food, 95%
CAS number	458-37-7
Other names / synonyms	•(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;
EC number	207-280-5
Customs tariff number / CN code / TARIC	32030010
Molecular weight [g / mol]	368.3799
Formula	C <sub>21</sub> H <sub>20</sub> O <sub>6</sub>

Parameter	Test Method	Specification	Unit
<b>Organoleptic test</b>			
Colour	Organoleptic	yellow	
Odour	Organoleptic	characteristic	
<b>Physical parameter</b>			
Form	Organoleptisch	fine powder	
Form	Organoleptisch	weißes Pulver	
Loss on drying	Eur. Ph. <2.8.17>	≤ 5,0	%
Bulk density	Eur. Ph.<2.9.34>	30 – 60	g/ml
<b>Identity</b>			
Identification	HPTLC	Identical to R.S. sample	
Identification	HPTLC	Identisch mit R.S. Stichprobe	
<b>Impurities</b>			
Benzo[a]pyrene (BAP)	(EC) No. 1933/2015	≤ 10,0	ug/kg
Residue on ignition	Eur. Ph. <2.4.16>	≤ 1,0	%
Pesticides	Eur. Ph. <2.8.13>	complies Ph. <2.8.13>	ppm

<b>Residual Solvents</b>			
Residual solvents	Eur. Ph. <2.4.24>	complies Ph. <5.4>	
<b>Elemental Impurities</b>			
Arsenic (As)	Eur. Ph. ICP-MS<2.2.58>ICP-MS	≤ 2,0	mg/kg
Cadmium (Cd)	Eur. Ph. ICP-MS<2.2.58>ICP-MS	≤ 1,0	mg/kg
Mercury (Hg)	Eur. Ph. ICP-MS<2.2.58>ICP-MS	≤ 0,1	mg/kg
Lead (Pb)	Eur. Ph. ICP-MS<2.2.58>ICP-MS	≤ 3,0	mg/kg
<b>Microbiological data</b>			
Escherichia Coli.	Eur. Ph. <2.6.13>	Negative	
Salmonella	Eur. Ph. <2.6.13>	negative	
Total Plate Count	Eur. Ph. <2.6.12>	≤ 10000	CFU/g
Yeast and Mould	Eur. Ph. <2.6.12>	≤ 1000	CFU/g

**Regulatory information:**

**Irradiated Status (EN<13751:2002 >):** ≤ 700

**Supplemental information:**

**Shelf life:** 36 month

**Storage conditions:** Keep in cool and dry place. Stay away from strong light and heat.

**Packing:** Packed in paper-drums and two plastic-bags inside,25kg/Drum

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 20. May. 2020

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