



## Specification

Concerning Product:	
Article number	84775520WOL95
Trade name / designation / denomination	Tumeric Extrakt Pulver (> 95 % Curcumin)
CAS number	84775-52-0
Other names / synonyms	•Curcuma longa, ext.;
EC number	283-882-1

Parameter	Specification	Unit
<b>Organoleptic test</b>		
Appearance	yellow to orange-red powder	
Flavor and taste	characteristic	
Odour	characteristic	
<b>Physical parameter</b>		
Loss on drying	≤ 2,0	%
Bulk density	≥ 0,30	g/mL
Solubility	in Water: insoluble in Acetone: soluble	
Tamped density	≥ 0,50	g/mL
<b>Identity</b>		
Assay	Curcuminoids: 94,0 – 96,0	%
<b>Elemental Impurities</b>		
Arsenic (As)	≤ 3,0	ppm
Cadmium (Cd)	≤ 1,0	ppm
Mercury (Hg)	≤ 0,1	ppm
Lead (Pb)	≤ 3,0	ppm
<b>Microbiological data</b>		
Escherichia Coli.	neg.	/g
Gram-negative bacteria	≤ 100	CFU/g
Salmonella	neg.	/25g
Staphylococcus Aureus	neg.	/g
Total Plate Count	≤ 10000	CFU/g
Yeast and Mould	≤ 100	CFU/g
<b>Particle size distribution</b>		
Particles	80 mesh: ≤ 100	%

### Regulatory information:

**Residual solvents:** Ethyl acetate: ≤ 5000 ppm

### Supplemental information:

**Shelf life:** 2 years

**Derivation:** Cultivated from Rhizome of Curcuma longa.  
Processing ratio: 25:1

**Storage conditions:** Store in a dry place and away from direct sunlight or high heat. Keep in air tight containers in an inert atmosphere at ambient temperature.  
Product is hygroscopic, avoid contact with moisture!  
Recommended storage temperature: ≤ 23 °C at max. 60% rel. humidity

**Regional origin:** IND

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 23. Jun. 2019

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