



## Specification

**ACHTUNG! Diese CAS-Nummer ist nicht in der Stoffliste erfasst.  
Bitte manuelle Erfassung einleiten.**

Concerning Product:	
Article number	153531965XPU
Trade name / designation / denomination	Magnesium Citrate nonahydrate
CAS number	153531-96-5

Parameter	Specification	Unit
<b>Organoleptic test</b>		
Appearance	White, fine , slightly hygroscopic powder	
<b>Physical parameter</b>		
Loss on drying	24 – 28	%
pH value	6,0 – 8,5	
<b>Impurities</b>		
Heavy Metals (as Pb)	≤ 10	ppm
Oxalate (as anhydros Oxalic Acid)	≤ 280	ppm
Sulphates (SO <sub>4</sub> )	≤ 0,2	%
<b>Elemental Impurities</b>		
Arsenic (As)	≤ 3	ppm
Calcium (Ca)	≤ 0,2	%
Chlorides (Cl)	≤ 0,2	%
Iron (Fe)	≤ 100	ppm
Mercury (Hg)	≤ 1	ppm
Magnesium (Mg)	15,0 – 16,0	%
Lead (Pb)	≤ 1	ppm
<b>Organic volatile impurities</b>		
Org. volat. Imp. Total	complies	
<b>Microbiological data</b>		
Aerobic microorganisms	≤ 1000	CFU/g
Coliform bacteria	≤ 10	
Escherichia Coli.	Negative	CFU/g
Salmonella	Negative	
Staphylococcus Aureus	Negative	
Yeast and Mould	≤ 300	CFU/g

### Supplemental information:

**Shelf life:** 2 years

**Conclusion:** Meets EP8.0

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 01. Oct. 2019

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