



## Specification

Concerning Product:	
Article number	7789777LUL
Trade name / designation / denomination	Calciumhydrogenphosphat-Dihydrat, E 341(
CAS number	7789-77-7
Other names / synonyms	•Calciumhydrogenphosphat-2-hydrat; •Phosphoric acid, calcium salt, hydrate (1:1:2);
EC number	616-542-1 231-826-1
Customs tariff number / CN code / TARIC	28352600
Molecular weight [g / mol]	136,06
Formula	CaHPO4 HCaO4P

Parameter	Specification	Unit
<b>Organoleptic test</b>		
Colour	white	
<b>Physical parameter</b>		
Form	powder	
<b>Identity</b>		
Assay	98,0 – 102,0	%
<b>Impurities</b>		
Residue on ignition	(@ 800 °C): ≤ 26,5	%
<b>Elemental Impurities</b>		
Aluminium (Al)	≤ 30	ppm
Arsenic (As)	≤ 1	ppm
Cadmium (Cd)	≤ 1	ppm
Fluorine (F)	≤ 50	ppm
Mercury (Hg)	≤ 1	ppm
Lead (Pb)	≤ 1	ppm

### Supplemental information:

**Complies with monographie:** E 341(ii)

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 17. Mar. 2022

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