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Spezifikation

Produktbezug:	
Produktnummer	7789777LPU
Handelsname / Bezeichnung	Di-Calciumphosphat-Dihydrat, USP
CAS Nummer	7789-77-7
Andere Bezeichnungen / Synonyme	•Calciumhydrogenphosphat-2-hydrat; •Di-Calciumphosphat-2-hydrat Pulver; •Phosphoric acid, calcium salt, hydrate (1:1:2);
EG Nummer	616-542-1 231-826-1
Zolltarifnummer / CN-Code	28352600
Molekulargewicht [g/mol]	172,09
Formel	$\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$ $\text{HCaO}_4\text{P} \cdot 2\text{H}_2\text{O}$

Parameter	Specification	Unit
Sensorische Prüfung		
Farbe	weiß	
Physikalische Parameter		
Form (Aggregatzustand)	Pulver	
Identifikation		
Gehalt	$\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$: 98,0 – 105,0	%
Identifizierung	entspricht	
Verunreinigungen		
Glührückstand	(@ 800°C) 24,5 – 26,5	%
Unlösliche Verunreinigungen	in Säure: ≤ 0,2	%
Sulphat (SO_4)	≤ 0,5	%
Verunreinigung	CO_3 : entspricht	%
Restlösemittel		
Restlösemittel	Das Produkt kommt bei der Herstellung, Abfüllung und Lagerung mit den in der Ph.Eur. (ICH 283/95) und USP <467> genannten organischen Lösungsmitteln ("Residual Solvents") nicht in Berührung.	

Elementare Verunreinigungen		
Arsen (As)	≤ 0,0003	%
Barium (Ba)	entspricht	
Chloride (Cl)	≤ 0,25	%
Fluor (F)	≤ 50	ppm
Mikrobiologische Daten		
Aerobe Mikroorganismen	(TAMC): ≤ 2000	CFU/g
Schimmel und Hefe	(TYMC): ≤ 200	CFU/g

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 23. Jul. 2026

LF-Basis: 20 (2026-07-13)

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