



Spezifikation

Produktbezug:	
Produktnummer	13477344V01
Handelsname / Bezeichnung	Calciumnitrat-Tetrahydrat, chemisch rein
CAS Nummer	13477-34-4
Andere Bezeichnungen / Synonyme	•CALCIUM NITRATE, ACS; •CALCIUM NITRATEULTRA PURE; •Calcium Nitrate, Tetrahydrate, Crystal, Reagent, ACS; •Calcium Nitrate, Tetrahydrate, Purified; •Calcium nitrate hydrate, Puratronic, 99. (metals basis); •Calcium nitrate tetrahydrate; •Calcium nitrate tetrahydrate, 99. (metals basis); •Calcium nitrate tetrahydrate, ACS, 99.0-103.; •Calcium nitrate tetrahydrate, Puratronic, 99. (metals basis); •Calcium standard for AAS;
EG Nummer	603-865-8 233-332-1
Zolltarifnummer / CN-Code	28342980
Molekulargewicht [g/mol]	164,09
Formel	Ca(NO ₃) ₂ CaN ₂ O ₆
Kann Brand verstärken; Oxidationsmittel.	

Parameter	Specification	Unit
Sensorische Prüfung		
Aussehen	Weißes oder fast weißes kristallines Pulver oder farblose Kristalle	
Farbe	farblos	
Physikalische Parameter		
pH-Wert	5% 5,0 – 7,5	
Identifikation		
Gehalt	Ca(NO ₃) ₂ ·4H ₂ O ≥ 98	%
Verunreinigungen		
Sulphat (SO ₄)	≤ 0,01	%
Elementare Verunreinigungen		
Chloride (Cl)	≤ 0,01	%
Eisen (Fe)	≤ 0,001	ppm

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 25. Feb. 2025

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