



Spezifikation

Produktbezug:	
Produktnummer	13472350LP
Handelsname / Bezeichnung	Natriumdihydrogenphosphat-Dihydrat (L)
CAS Nummer	13472-35-0
Andere Bezeichnungen / Synonyme	•Natriumdihydrogenphosphat-Dihydrat; •Phosphoric acid, sodium salt, hydrate (1:1:2); •Sodium Phosphate, Monobasic, Dihydrate; •Sodium dihydrogen phosphate dihydrate; •Sodium phosphate monobasic dihydrate; •sodium dihydrogen phosphate dihydrate;
EG Nummer	231-449-2
Molekulargewicht [g/mol]	156.008
Formel	NaH ₂ PO ₄ +2H ₂ O

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen der Lösung		klar und farblos	
Aussehen		Feine Kristalle	
Farbe		farblos	
Physikalische Parameter			
Trocknungsverlust		130°C 21,5 – 24,0	%
pH-Wert	5 %	positive 4,2 – 4,5	
Reduzierende Substanzen		entspricht	
Identifikation			
Gehalt		NaH ₂ PO ₄ (getrocknete Basis) 98,0 – 100,5	%
Identifizierung	Phosphate	positiv	
Identifizierung	Natrium	positive	
Verunreinigungen			
Sulphat (SO ₄)		≤ 0,03	%
Elementare Verunreinigungen			
Chloride (Cl)		≤ 0,02	%
Eisen (Fe)		≤ 0.0010	%
Mikrobiologische Daten			
Aerobe Mikroorganismen		TAMC ≤ 2000	CFU/g
Endotoxintest (LAL)		≤ 6	EU/g
Schimmel und Hefe		(TYMC): ≤ 200	CFU/g

Zusätzliche Angaben:

Entspricht der Monographie: Ph.Eur. 10

Chemische Werke Hommel GmbH & Co.KG
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Waltrop, 04. Nov. 2021

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