



Spezifikation

Produktbezug:	
Produktnummer	10028247BL
Handelsname / Bezeichnung	Disodium phosphate 2-hydrate
CAS Nummer	10028-24-7
Andere Bezeichnungen / Synonyme	•Dinatriumphosphat; •Natriumhydrogenphosphat; •Phosphoric acid, disodium salt, dihydrate; •Sodium phosphate dibasic dihydrate;
EG Nummer	231-448-7
Molekulargewicht [g/mol]	177.989
Formel	Na ₂ HPO ₄ +2 H ₂ O

Parameter	Spezifikation	Einheit
Physikalische Parameter		
Unlösliche Anteile	in H ₂ O: ≤ 0,1	%
Trocknungsverlust	(105 °C) 18,0 – 21,0	%
pH-Wert	1,0% 9,0 – 9,6	
Identifikation		
Gehalt	≥ 98,0	%
Gehalt	Na ₂ O 34,1 – 35,8	%
Gehalt	P ₂ O ₅ 39,1 – 41,1	%
Verunreinigungen		
Schwermetalle (als Pb)	≤ 10	ppm
Elementare Verunreinigungen		
Arsen (As)	≤ 1	ppm
Cadmium (Cd)	≤ 1	ppm
Fluor (F)	≤ 10	ppm
Quecksilber (Hg)	≤ 1	ppm
Blei (Pb)	≤ 1	ppm

Anmerkung:

Das Produkt hat keine Nahrungsmittel-, Futtermittel- oder Arzneimittelqualität. Dies schließt die Verwendung im Produktionsprozess nicht grundsätzlich aus. Die Verwendung des Produktes liegt in der ausschließlichen Verantwortung des Käufers

Zusätzliche Angaben:

Entspricht der Monographie: Entspricht den chemischen Spezifikationen wie in der aktuellen EU-Verordnung 231/2012 für E339(ii) gefordert

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 09. Nov. 2021

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