



## Spezifikation

Produktbezug:	
Produktnummer	13472350BL
Handelsname / Bezeichnung	Sodium dihydrogen phosphate, dihydrate
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 <sub>2</sub> PO <sub>4</sub> +2H <sub>2</sub> O

Parameter	Spezifikation	Einheit
<b>Physikalische Parameter</b>		
Unlösliche Anteile	in H <sub>2</sub> O: ≤ 0,01	%
Trocknungsverlust	( 150 °C / 4h) 20,0 – 25,0	%
pH-Wert	1% 4,4 – 4,6	
<b>Identifikation</b>		
Gehalt	98,0 – 102,0	%
Gehalt	Na <sub>2</sub> O 19,5 – 20,3	%
Gehalt	P <sub>2</sub> O <sub>5</sub> 44,6 – 46,4	%
<b>Verunreinigungen</b>		
Schwermetalle (als Pb)	≤ 10	ppm
<b>Elementare Verunreinigungen</b>		
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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