



## Specification

Concerning Product:	
Article number	13472350MAE
Trade name / designation / denomination	Sodium dihydrogen phosphate, dihydrate
CAS number	13472-35-0
Other names / synonyms	•Phosphoric acid, sodium salt, hydrate (1:1:2); •Sodium Phosphate, Monobasic, Dihydrate; •Sodium dihydrogen phosphate dihydrate; •Sodium phosphate monobasic dihydrate; •sodium dihydrogen phosphate dihydrate;
EC number	231-449-2
Molecular weight [g / mol]	156.008
Formula	NaH <sub>2</sub> PO <sub>4</sub> +2H <sub>2</sub> O

Parameter	Specification	Unit
<b>Physical parameter</b>		
pH value	5%, 20°C 4,2 – 4,6	%
<b>Identity</b>		
Assay	≥ 99,0	%
<b>Impurities</b>		
Heavy Metals (as Pb)	≤ 0,001	%
Insoluble impurities	in H <sub>2</sub> O ≤ 0,01	%
Sulphates (SO <sub>4</sub> )	≤ 0,01	%
<b>Elemental Impurities</b>		
Arsenic (As)	≤ 0,0005	%
Chlorides (Cl)	≤ 0,002	%
Iron (Fe)	≤ 0,002	%
Nitrogen (N)	≤ 0,002	%

### Supplemental information:

**Shelf life:** 5 years

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 06. Sep. 2021

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