



Specification

Concerning Product:	
Article number	13472350BL
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 ₂ PO ₄ +2H ₂ O

Parameter	Specification	Unit
Physical parameter		
Substances insoluble	in H ₂ O: ≤ 0,01	%
Loss on drying	(150 °C / 4h) 20,0 – 25,0	%
pH value	1% 4,4 – 4,6	
Identity		
Assay	98,0 – 102,0	%
Assay	Na ₂ O 19,5 – 20,3	%
Assay	P ₂ O ₅ 44,6 – 46,4	%
Impurities		
Heavy Metals (as Pb)	≤ 10	ppm
Elemental Impurities		
Arsenic (As)	≤ 1	ppm
Cadmium (Cd)	≤ 1	ppm
Fluorine (F)	≤ 10	ppm
Mercury (Hg)	≤ 1	ppm
Lead (Pb)	≤ 1	ppm

Annotation:

The product is not of food, feed or drug quality. This does not fundamentally exclude use in the production process. The use of the product is the sole responsibility of the buyer

Supplemental information:

Complies with monographie: Corresponds to the chemical specifications as required in the current EU regulation 231/2012 for E339 (ii)

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 09. Nov. 2021

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