



Specification

Concerning Product:	
Article number	10028247BL
Trade name / designation / denomination	Disodium phosphate 2-hydrate
CAS number	10028-24-7
Other names / synonyms	•Natriumhydrogenphosphat; •Phosphoric acid, disodium salt, dihydrate; •Sodium phosphate dibasic dihydrate;
EC number	231-448-7
Molecular weight [g / mol]	177.989
Formula	Na ₂ HPO ₄ +2 H ₂ O

Parameter	Specification	Unit
Physical parameter		
Substances insoluble	in H ₂ O: ≤ 0,1	%
Loss on drying	(105 °C) 18,0 – 21,0	%
pH value	1,0% 9,0 – 9,6	
Identity		
Assay	≥ 98,0	%
Assay	Na ₂ O 34,1 – 35,8	%
Assay	P ₂ O ₅ 39,1 – 41,1	%
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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