

Product Specification

Product Name: Di-Sodium Phosphate dihydrate

DSP E339i; Sodium phosphate dibasic dihydrate; Disodiumphosphate; di-Natriumhydrogenphosphat-Dihydrat

Item Nr.: 1309 MW: 177.99 g/mol Na₂HPO₄*2H₂O
 CAS Nr.: 10028-24-7 E.C.Nr.: EINECS: 600-053-5

Parameter	Method	Specification	Unit
Appearance	visual	White or almost white crystalline powder or colourless crystals	
Solubility	5% in H ₂ O	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1	
Assay	acc. to EP monogr. 0602	98.0 - 101.0	%
Loss on drying		19.5 - 21.0	%
pH	1% in H ₂ O	8.8 - 9.4	
Fluoride (F)		≤10	ppm
Lead (Pb)	AAS	<1.0	ppm
Cadmium (Cd)	AAS	<1.0	ppm
Mercury (Hg)	AAS	<1.0	ppm
Arsenic (As)		< 4	ppm
Phosphate	as P ₂ O ₅	39.5 - 40.5	%

Storage: Keep well closed at room temperature in a dark and dry place.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 04/31.08.2020