



Specification

Concerning Product:	
Article number	7558807QPPGUSP
Trade name / designation / denomination	Sodium Dihydrogen Phosphate GMP USP Natrium Dihydrogenphosphat GMP, USP
CAS number	7558-80-7
Other names / synonyms	•sodium dihydrogenorthophosphate;
EC number	231-449-2 231-449-2
Customs tariff number / CN code / TARIC	28352200
Molecular weight [g / mol]	119,98
Formula	NaH ₂ PO ₄ H ₂ NaO ₄ P

Parameter	Specification	Unit
Physical parameter		
Loss on drying	≤ 2,0	%
pH value	(0,5% in H ₂ O @ 25°C): 4,1 – 4,5	
Identity		
Assay	Acidim, dried basis 98,0 – 103,0	%
Identification	passes test	
Impurities		
Heavy Metals (as Pb)	≤ 0,002	%
Insoluble impurities	in H ₂ O ≤ 0,2	%
Sulphates (SO ₄)	≤ 0,15	%
Related substances	Passes test	
Elemental Impurities		
Aluminium (Al)	passes test	
Arsenic (As)	≤ 0,0008	%
Calcium (Ca)	passes test	%
Chlorides (Cl)	≤ 0,014	%

Supplemental information:

Shelf life: 60 month

Complies with monographie: USP43

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 24. Nov. 2021

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