

Technical Data sheet

SODIUM DIHYDROGEN PHOSPHATE 2-HYDRATE GMP

Product Code :351142 SODIUM DIHYDROGEN PHOSPHATE 2-HYDRATE GMP

Formula :NaH₂PO₄·2H₂O

Retest period : 24 months

Standard Grade : PARENTERAL USE QP

Rev.: 20/04/2020

According to monographs :PH.EUR. 9ED.,USP 43

General Information :

Mol weight	156,01 g/mol
CAS Nr	13472-35-0
EINECS Nr	231-449-2
HS code	28352200

Transport :

Specifications :

Identification A	Slightly acid	Identification B	Giv.react.fosfates
Identification C	Giv.react.(a) of Na	Appearance of solution	<3 NTU/
Water-insoluble matter	Max. 0,2 %	Assay(Acidim,dried basis)	98,0 - 100,5 %
pH of a 5% solut. (25°C)	4,2 - 4,5	Chloride (Cl)	Max. 200,0 ppm
Chloride (Cl)	Max. 0,014 %	Sulphate (SO ₄)	Max. 300,0 ppm
Sulphate (SO ₄)	Max. 0,15 %	Iron (Fe)	Max. 10,0 ppm
Arsenic (As)	Max. 2,0 ppm	Al,Ca and related subst.	No turbidity obs.
Subst. reducing KMnO ₄	Purple coloured 5min	Loss on drying at 130°C	21,5 - 24,0 %
Water (H ₂ O)	18,0 - 26,5 %		