



Specification

Sodium Phosphate Dibasic Heptahydrate ACS

Catalog Number: SP1008
CAS Number: 7782-85-6
Synonym(s): Disodium hydrogen phosphate heptahydrate, Disodium phosphate
Molecular Formula: $\text{Na}_2\text{HPO}_4 \cdot 7\text{H}_2\text{O}$
Molecular Weight: 268.07
Storage: 15°C – 30°C
Retest Date: Five years after date of manufacture.

Test	Specification
Appearance	Colorless or white crystals
Identification	To pass test
Assay	98.0% - 102.0%
Solubility (10%,H ₂ O)	Clear & colorless
pH (5%)	8.7 – 9.3
Insoluble Matter	≤ 0.005%
Chloride	≤ 0.001%
Sulfate	≤ 0.005%
Heavy Metals	≤ 10ppm
Iron	≤ 10ppm

Approved by:

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