

Description:

Chemical formula: $\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$

Molecular weight: 380.14

Standard executed: HG/T2517-1993

Index name	GB 25565-2010 / Food Grade	
Main Content $\geq\%$	97.0	
PH value(1% Aq. solution)	11.5-12.5	
Heavy metals (as Pb) $\leq\%$	0.001	
As $\leq\%$	0.0003	
Fluoride (F) $\leq\%$	0.005	
Pb $\leq\%$	0.0004	
Water insoluble $\leq\%$	0.2	
Loss on drying %	(Na_3PO_4), w/%	≤ 2.0
	($\text{Na}_3\text{PO}_4 \cdot \text{H}_2\text{O}$), w/%	8.0-11.0
	($\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$), w/%	45.0-57.0

White or colorless crystals, efflorescent in air, easily soluble in water but not in organic solution. Its water solution is alkaline. PH value of 1% solution is 12.1, relative density at 1.62, melting point is 73.4°C.



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