



SPECIFICATIONS
GRADE: JP

PRODUCTS NAME		:	DISODIUM HYDROGEN PHOSPHATE DODECAHYDRATE JP
CAS NO.		:	10039-32-4
Sr. No.	TEST PARAMETER		SPECIFICATION
1.	Appearance		Colorless or white crystals. It is odorless.
2.	Solubility		It is freely soluble in water, and practically insoluble in ethanol (95) and in diethyl ether.
3.	Identification A Test for Sodium salts Identification B Test for phosphate Identification B A yellow precipitate is formed.		To Pass test To Pass test To Pass test
4.	pH		Between 9.0 and 9.4
5.	Clarity and color of solution		The solution is clear and colorless.
6.	Chloride		NMT 0.014 %
7.	Sulfate		NMT 0.038 %
8.	Carbonate		The solution does not effervesce.
9.	Heavy metals		NMT 10 ppm
10.	Arsenic		NMT 2 ppm
11.	Loss on drying		57.0 - 61.0 %
12.	Assay (Dried Basis)		NLT 98.0 %