



SPECIFICATIONS
GRADE: EP

PRODUCTS NAME		:	DISODIUM HYDROGEN PHOSPHATE DODECAHYDRATE EP
CAS NO.		:	10039-32-4
Sr. No.	TEST PARAMETER	SPECIFICATION	
1.	Appearance	Colourless, transparent crystals, very efflorescent.	
2.	Solubility	Freely soluble in water, practically insoluble in ethanol (96 per cent).	
3.	Identification A Solution S is slightly alkaline Identification B Loss on drying (see Tests) Identification C Solution S gives reaction (b) of phosphates Identification D Solution S gives reaction (a) of Sodium	To pass test To pass test To pass test To pass test	
4.	Appearance of Solution	Solution is S clear and colourless	
5.	Reducing substances	To Pass Test.	
6.	Mono sodium phosphate	Max. 2.5 %	
7.	Chlorides	Max. 200 ppm	
8.	Sulfates	Max. 500 ppm	
9.	Iron	Max. 20 ppm	
10.	Loss on drying	57.0 % to 61.0 %	
11.	Assay %	98.5 % - 102.5 %	