



SPECIFICATIONS
GRADE: EP

PRODUCTS NAME		:	SODIUM DI HYDROGEN PHOSPHATE MONOHYDRATE EP
CAS NO.		:	10049-21-5
Sr. No.	TEST PARAMETER	SPECIFICATION	
1.	Appearance	Colourless crystals or a white powder.	
2.	Solubility	Very soluble in water; very slightly soluble in ethanol (96%).	
3.	Identification A Solution S is slightly acid	To pass test	
	Identification B Solution S yields the reactions characteristic of phosphates	To pass test	
	Identification C Solution S neutralized with a 10% w/v solution of potassium hydroxide yields reaction A characteristic of sodium salts	To pass test	
	Identification D Complies with the test for Loss on drying.	To pass test	
4.	Acidity	4.2 to 4.5	
5.	Clarity and colour of solution	The solution is clear and colourless	
6.	Arsenic	Max 2 ppm	
7.	Iron	Max. 10 ppm	
8.	Chlorides	Max. 200 ppm	
9.	Sulfates	Max. 300 ppm	
10.	Reducing substances	To Pass test	
11.	Loss on drying	11.5 % to 14.5 %	
12.	Assay (dried basis)	98.0 % - 100.5 %	