



SPECIFICATIONS
GRADE: EP

PRODUCTS NAME		:	SODIUM DIHYDROGEN PHOSPHATE ANHYDROUS EP
CAS NO.		:	7558-80-7
Sr. No.	TEST PARAMETER		SPECIFICATION
1.	Appearance		White, slightly deliquescent crystals or granules.
2.	Solubility		Very soluble in water; very slightly soluble in ethanol (96%).
3.	Identification A Solution S is slightly acid Identification B Solution S yields the reactions characteristic of phosphates Identification C Solution S neutralized with a 10% w/v solution of potassium hydroxide yields reaction A characteristic of sodium salts Identification D Complies with the test for Loss on drying.		To pass test To pass test To pass test To pass test
4.	Acidity		4.2 to 4.5
5.	Clarity and colour of solution		The solution is clear and colorless
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		Max 1.0 %
12.	Assay (dried basis)		98.0 % - 100.5 %