



SPECIFICATIONS
GRADE: EP

PRODUCTS NAME		:	POTASSIUM BI CARBONATE EP
CAS NO.		:	298-14-6
Sr. No.	TEST PARAMETER		SPECIFICATION
1.	Appearance		White or almost white, crystalline powder or colourless crystals.
2.	Solubility		Freely soluble in water, practically insoluble in ethanol (96 %)
3.	Identification A To 5 mL of solution S (see Tests) add 0.1 mL of phenolphthalein solution R. A pale pink colour is produced. Heat; gas is evolved and the colour becomes red. Identification B It gives the reaction of carbonates and bicarbonates. Identification C Gives reaction (b) of potassium.		To pass test To pass test To pass test
4.	Appearance of solution		Solution S is Clear and colorless
5.	Carbonates		Not greater than 8.6.
6.	Chlorides		Max. 150 ppm
7.	Sulfates		Max. 150 ppm
8.	Ammonium		Max. 20 ppm
9.	Calcium		Max. 100 ppm
10.	Iron		Max. 20 ppm
11.	Sodium		Max. 0.5 %
12.	Assay (dried basis)		99.0 - 101.0 %