



SPECIFICATIONS
GRADE: IP

PRODUCTS NAME		:	CALCIUM CHLORIDE DIHYDRATE IP
CAS NO.		:	10035-04-8
Sr. No.	TEST PARAMETER	SPECIFICATION	
1.	Description	A white, crystalline powder or fragments or granules.	
2.	Identification A It gives reactions and of calcium salts. Identification B A 10 per cent w/v solution in carbon dioxide-free water prepared from distilled water gives reaction A of chlorides.	To pass test To pass test	
3.	Appearance of Solution	Solution A is clear and not more intensely colored than reference solution YS ₆ .	
4.	Acidity or Alkalinity	NMT 0.2 mL of 0.01 M sodium hydroxide or 0.01 M hydrochloric acid is required to turn it red	
5.	Arsenic	Max. 3 ppm	
6.	Aluminum and Phosphate	No turbidity or precipitate is produced.	
7.	Barium (Ba)	Not More opalescent than a mixture of 10 ml of solution A and 1 ml of distilled water	
8.	Heavy metals	Max. 10 ppm	
9.	Iron (Fe)	Max. 20 ppm	
10.	Magnesium and alkali salts	Max. 1.0 %	
11.	Sulphates	Max. 300 ppm	
12.	Assay	97.0 % to 103.0 %	