
STANDARD TESTING SPECIFICATIONS

COLCHICINE B.P.

1.	Description	:	Yellowish-white, amorphous or crystalline powder.
2.	Solubility	:	Very soluble in water, rapidly recrystallising from concentrated solutions as the sesquihydrate, freely soluble in alcohol, practically insoluble in cyclohexane.
3.	Identification	:	A. By Ultraviolet absorption B. By Infrared absorption spectrophotometry C, D. Chemical Tests
4.	Appearance of solution	:	To meet the test.
5.	Acidity or alkalinity		Not more than 0.1 ml of 0.01 M NaOH
6.	Specific optical rotation (anhydrous and ethyl-acetate-free substance)		Limit: - 235 to - 250
7.	Related substances		By Liquid Chromatography
8.	Colchicine	:	Not more than 0.2 per cent
9.	Chloroform	:	Not more than 500 ppm.
10.	Ethyl acetate	:	Not more than 6.0 per cent
11.	Water	:	Not more than 2.0 per cent
12.	Sulphated ash	:	Not more than 0.1 per cent
13.	Assay (anhydrous and ethyl-acetate-free substance)	:	97.0 % to 102.0 %