
STANDARD TESTING SPECIFICATIONS

COLCHICINE USP

1.	Description	:	Pale yellow to pale greenish yellow, amorphous scales, or powder or crystalline powder. Is odourless or nearly so.
2.	Solubility	:	Soluble in water; freely soluble in alcohol and chloroform; slightly soluble in ether.
3.	Identification	:	Infrared Absorption
4.	Specific rotation	:	between -240° and -250° , calculated on the anhydrous, solvent-free basis.
5.	Water		Not more than 2.0 %
6.	Limit of Colchicine		No definite green colour is produced on addition of Ferric chloride
7.	Limit of Ethyl acetate		Not more than 8.0 %.
8.	Chromatographic purity	:	Not more than 5.0 %
9.	Assay (calculated on the anhydrous, solvent-free basis)	:	Not less than 94.0 % Not more than 101.0 %.
10.	Residual Solvents Dichloromethane Chloroform Trichloroethylene 1,4-Dioxane		By Gas Chromatography Not more than 600 ppm Not more than 100 ppm Not more than 80 ppm Not more than 380 ppm