



## CERTIFICATE OF ANALYSIS

### METHOTREXATE USP

Description	Y Yellow crystalline powder	Conforms
Identification	IR , UV conform	Conforms
Water	Not more than 12.0%	10.7%
Residue on ignition	Not more than 0.1%	0.05%
Chromatographic purity	Total: Not more than 2.0%	0.79%
	Individual: Not more than 0.5%	0.34%
Specific rotation	Between +19° to +24°	+21°
Organic volatile impurities	C Conforms	Conforms
Assay	B between 98.0% to 102.0%	99.45%