

## PRODUCT NAME: TETRACYCLINE HYDROCHLORIDE

### ANALYSIS

IDENTIFICATION		TLCHROMATOGRAPHY COMPLIES
		YELLOW COLOR WITH SULPHERIC ACID
		GIVES REACTION OF CHLORIDES
PH		2.32
SPECIFIC OPTICAL ROTATION		-248°
RELATED SUBSTANCES		
• 4-EPITETRACYCLINE		1.61%
• 2-ACETYL-DECARBAMOYL TETRACYCLINE		0.03%
• ANHYDROTETRACYCLINE		0.07%
4-EPIANHYDROTETRACYCLINE		0.01%
HEAVY METALS	<	40 PPM
LOSS ON DRYING (60°C, MAX. 670 PA)		0.20%
SULPHATED ASH		0.05%
ASSAY		98.0%
MANUFACTURING DATE		FEB-2005
EXPIRATION DATE		FEB-2009

**MEETS THE EP5**