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TYPICAL ANALYSIS / SPECIFICATION

PRODUCT : TETRACYCLINE HCL
SHELF LIFE : FOUR YEARS SUBJECT TO CORRECT STORAGE

TEST	SPECIFICATION	RESULT
APPEARANCE	YELLOW CRYSTALLINE POWDER	CONFORMS
IDENTIFICATION	BP: A,SIMILAR. B,C, POSITIVE USP: A,C,D,E,F, POSITIVE B,ULTRAVIOLET ABSORPTION(380nm): 96.0% to 104.0%	CONFORMS 99.3%
PH	1.8 TO 2.8	2.53
SPECIFIC OPTICAL ROTATION:	-240° TO -255°	-248°
RELATED SUBSTANCES:	4-EPITETRACYCLINE HCL≤3.0 ANHYDROTETRACYCLINE HCL≤0.5 4-EPIANHYDROTETRACYCLINE HCL≤0.5 2-ACETYL-2- DECARBAMOYL TETRACYCLINE HCL≤1.5	1.49% 0.16% 0.03% 0.52%
HEAVY METALS	COMPLIES WITH LIMIT TEST (50PPM)	CONFORMS
LOSS ON DRYING	NOT MORE THAN 2.0%	0.33%
SULPHATED ASH	NOT MORE THAN 0.5%	0.03%
ASSAY (ON DRY)	BP: 95.0% TO 102.0%	96.6%
POTENCY	USP: NOT LESS THAN 900 ug/mg	963ug/mg

CONCLUSION: THE GOODS COMPLY WITH BP2004/USP25