

## AMITRYPTLINE HCl

S.No	TESTS	OBSERVATIONS	SPECIFICATIONS
1.	CHARACTERISTICS	WHITE POWDER	A WHITE OR ALMOST WHITE POWDER OR COLOURLESS CRYSTALS.
2.	SOLUBILITY	COMPLIES	FREELY SOLUBLE IN WATER, IN ALOCHOL, AND IN METHYLENE CHLORIDE
3.	IDENTIFICATION	A 195 – 198 <sup>0</sup> C B. 464 C. COMPLIES D. COMPLIES E. COMPLIES	A 195- 199 <sup>0</sup> C B THE SPECIFIC ABSORBANCE AT THE MAXIMUM IS 435 TO 475 C. IR D. A VOILET-RED COLOURED IS PRODUCED IN THE LOWER LAYER. GIVES REACTION OF CHLORIDES
4.	APPEARANCE OF THE SOLUTION	COMPLIES	THE SOLUTION IS CLEAR AND NOT MORE INTENSELY COLOURED THAN REFERENCE SOLUTION B <sub>7</sub>
5.	ACIDITY OR ALKALINITY	COMPLIES	THE SOLUTION IS YELLOW, ADD 0.4ML OF 0.01 M HCl. THE SOLUTION IS RED.
6.	LOSS ON DRYING	0.12%	NOT MORE THAN 0.5%
7.	SULPHATED ASH	0.05%	NOT MORE THAN 0.1%
8.	HEAVY METALS	COMPLIES <20 PPM.	NOOT MORE TYHAN 20 PPM.
9.	RELATED SUBSTANCES (BY TLC METHOD)	COMPLIES	DIBENZOSUBERONE <0.05% CYCLOBENZAPRINE < 0.20%
10.	ASSAY (ON DIRED BASIS)	99.76%	99.00% - 101.00%