



CERTIFICATE OF ANALYSIS

AMOXICILLIN TRIHYDRATE USP (COMPACTED)

TEST	SPECIFICATIONS
DESCRIPTION	WHITE PRACTICALLY ODORLESS, GRANULAR POWDER
SOLUBILITY	SLIGHTLY SOLUBLE IN WATER AND IN METHANOL; INSOLUBLE IN BENZENE, IN CARBON TETRA CHLORIDE AND IN CHLOROFORM
IDENTIFICATION BY INFRARED ABSORPTION SPECTROPHOTOMETER	THE IR ABSORPTION SPECTRUM OF THE TEST PREPARATION SHOULD EXHIBITS MAXIMA AT THE SAME WAVELENGTH AS THAT OF A SIMILAR PREPARATION OF WORKING STANDARD
CRYSTALLINITY	SHOULD MEET THE REQUIREMENTS
PH	BETWEEN 3.5 AND 6.0
WATER (BY KF)	BETWEEN 12.0% W/W AND 15.0% W/W
DIMETHYLANILINE	NOT MORE THAN 0.002%
ASSAY (BY HPLC) (ON ANHYDROUS BASIS)	900 µg/mg of C ₁₆ H ₁₉ N ₃ O ₄ S
ADDITIONAL TEST	
BULK DENSITY	
UNTAPPED	INFORMATIVE
TAPPED	INFORMATIVE
PARTICLE SIZE	
MORE THAN 800 µm	BETWEEN 3% AND 20%
630 µm to 800 µm	BETWEEN 6% AND 15%
200 µm to 630 µm	BETWEEN 26% AND 45%

REMARKS: THE PRODUCT COMPLIES WITH RESPECT TO THE ABOVE TEST AS PER
USP SPECIFICATION