



## CERTIFICATE OF ANALYSIS

### MITOXANTRONE HCL

TEST	SPECIFICATION	RESULT
DESCRIPTION	A BLUE BLACK CRYSTALLINE POWDER	CONFORMS
IDENTIFICATION	THE INFRARED ABSORPTION SPECTRUM IS ACCORDANT WITH THE REFERENCE SPECTRUM. MAX. ABSORPTION IS AT 242NM, 275NM, 609NM, 663NM OF WAVELENGTH.	CONFORMS
ACIDITY	3.0~5.5	4.1
RELATED SUBSTANCES	NMT 2.0%	1.0%
LOSS ON DRYING	NMT 5.0%	1.65%
RESIDUE ON IGNITION	NMT 0.2%	0.09%
HEAVY METALS	NMT 20PPM	<20PPM
ASSAY (ON DRIED BASIS)	NLT 97% $C_{22}H_{28}N_4O_6 \cdot 2HCL$	99.0%
CONCLUSION	THE RESULTS UP TO THE ENTERPRISIE STANDARD.	