

CERTIFICATE OF ANALYSIS

PRODUCT NAME:	ATRACURIUM BESILATE	CAS NO.:	64228-81-5
ITEMS	SPECIFICATION	RESULTS	
DESCRIPTION	A WHITE TO PALE YELLOW POWDER OR FLAKY CRYSTALS; HYGROSCOPIC	CONFORMS	
SOLUBILITY	VERY SOLUBLE IN ACETONITRILE AND CHLORIFORM. SOLUBLE IN WATER AND PRACTICALLY INSOLUBLE IN ETHER.	CONFORMS	
IDENTIFICATION	A. UV. B. IR.	CONFORMS	
APPEARANCES OF SOLUTION	CLEAR TO YELLOW STANDARD NO.7	CONFORMS	
PH	3.5 ~ 5.0	4.8	
LOSS ON DRYING	NOT MORE THAN 3.0%	0.8%	
SULPHATED ASH	NOT MORE THAN 0.2%	0.06%	
METHYL BENZENESULPHONATE	NOT MORE THAN 10PPM	0PPM	
TOLUENE	NOT MORE THAN 890PPM (ICH)	0PPM	
RELATED SUBSTANCES	TOTAL: NOT MORE THAN 7.0% IMPURITY F: NOT MORE THAN 3.0% ANY OTHER SECONDARY IMPURITY: NOT MORE THAN 2.0%	2.3% 1.9% CONFORMS	
ISOMER RATIO	CIS-CIS: 56.0% ~ 60.0% CIS-TRANS: 34.5 % 37.5% TRANS-TRANS: 5.0% ~ 6.5%	58.6% 36.0% 5.4%	
BACTERIAL ENDOTOXIN	NOT MORE THAN 5.56EU/MG	CONFORMS	
MICROBIAL LIMIT	BACTERIAL COUNT: NOT MORE THAN 1000CFU/G FUNGUS AND YEAST: NOT MORE THAN 100CFU/G	CONFORMS	
ASSAY	97.0% ~ 103.0% (C ₆₅ H ₈₂ N ₂ O ₁₈ S ₂)	98.2%	
CONCLUSION:	THE RESULTS CONFORM TO THE STANDARD OF BP2003.		

**STORAGE: ATRACURIUM BESYLATE SHOULD BE KEPT IN AN AIRTIGHT CONTAINER AT A
TEMPERATURE OF 2°C TO 8°C, PROTECTED FROM LIGHT.**