

CERTIFICATE OF ANALYSIS

Name of Product : **TESTOSTERONE PROPIONATE EP(MICRONISED)**
Batch No : **TFM/010/09**
Mfg. Date : **Nov 2009**
Exp. Date : **Oct 2013**
Batch size : **30500.0 gms.**
A.R.No. : **AVK-II/FP/200/09**
Date : **12.12.2009**

TESTS		SPECIFICATIONS		RESULTS
CHARACTERS	APPEARANCE	White or almost white powder or colourless crystals.	Conforms	
	SOLUBILITY	Practically insoluble in water, freely soluble in acetone and in alcohol, soluble in fatty oils.	Conforms	
IDENTIFICATION	By IR. : Infrared absorption spectrum of the sample is concordant to that of the standard.	Conforms		
	SPECIFIC OPTICAL ROTATION	+ 84° to +90° on dried basis.	+ 88°	
RELATED SUBSTANCES (BY HPLC)	LOSS ON DRYING	Any single impurity : NMT 0.5 % Total impurities : NMT 1.0 %	0.05% 0.11 % 0.1 %	
	ASSAY (BY SPECTROPHOTOMETER)	97.0 % to 103.0 % of $C_{22}H_{32}O_3$ on dried basis	100.1%	
ADDITIONAL TEST	RESIDUAL SOLVENTS	Methanol : NMT 3000 ppm Methylene Dichloride : NMT 600 ppm Pyridine : NMT 200 ppm	1110 ppm ND ND	
	PARTICLE SIZE	100% < 20µ	10.55µ	
REMARKS : The products CONFORMS as per EP'06 specifications.				

PREPARED BY **[Signature]** DATE: 12/12/2009
CHECKED BY **[Signature]** DATE: 12/12/2009
MANAGER QUALITY ASSURANCE **[Signature]** DATE: 12/12/2009