

Lot: 003032

ID 208195

067/12

Ipca

Ipca Laboratories Limited

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CERTIFICATE OF ANALYSIS

Name of Product : **TESTOSTERONE PROPIONATE EP**

Batch No : **TP/B/004/12**

Batch size : 6120 gm.

Mfg. Date : Feb - 2012

A.R.No. : AVK-II/FP/105/12

Exp. Date : Jan - 2016

Date : 01/04/2012

TESTS	SPECIFICATIONS	RESULTS
CHARACTERS		
Appearance	White or almost white powder or colourless crystals.	White powder
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)	Any single impurity : NMT 0.5 % Total impurities : NMT 1.0 %	0.13 % 0.13 %
LOSS ON DRYING	NMT 0.5 % w/w.	0.3 %
ASSAY (BY UV)	97.0 % to 103.0 % of $C_{22}H_{32}O_3$ on dried basis.	100.6 %
ADDITIONAL TESTS		
A). RESIDUAL SOLVENTS	Methanol : NMT 3000 ppm Methylene chloride : NMT 600 ppm Pyridine : NMT 200 ppm	21 ppm 6 ppm ND
B). Particle Size (By Volume Basis)	100% < 20µm	8.41 µm

REMARKS: The products CONFORMS as per EP- 6.0 / 7.0 specifications.

PREPARED BY

DATE : 01/04/2012

CHECKED BY

DATE : 01/04/2012

APPROVED BY

DATE : 01/04/2012