



Certificate Of Analysis
ATENOLOL EP

Kopran

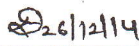
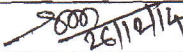
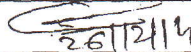
BATCH No. : ALU/P1412054	ANALYTICAL REPORT No. FPPA/141043	MFG. DATE : DEC.2014
DISPATCH QTY. : 625.00 Kg		EXP. DATE : NOV.2019

SR. No.	TESTS	RESULTS	SPECIFICATIONS
1	APPEARANCE	A white powder	White or almost white powder
2	SOLUBILITY	Complies	Sparingly soluble in water, soluble in ethanol, slightly soluble in methylene chloride.
3	IDENTIFICATION	A. M. P. : 153.4°C B. UV abs. R : 1.18 C. IR : Complies D. TLC : Complies	A) Melting range: 152 to 155°C B) By UV (Ratio of absorbance between 1.15 to 1.20) C) By I.R. D) By TLC
4	APPEARANCE OF SOLUTION	Complies	Solution S is clear & not more intensely coloured than degree 6 of the range of reference solutions of the most appropriate colour.
5	ANGLE OF OPTICAL ROTATION	+0.0182°	+0.10° TO -0.10°
6	RELATED SUBSTANCES 1) Impurity B 2) Impurity F 3) Impurity G 4) Impurity I 5) Unspecified Impurity 6) Total Impurities	0.15 % Not Detected Not Detected 0.06 % 0.06 % 0.27 %	NMT 0.2%w/w NMT 0.15%w/w NMT 0.15%w/w NMT 0.15%w/w NMT 0.10%w/w NMT 0.5%w/w
7	CHLORIDE	Complies	NMT 0.1 % w/w
8	SULPHATED ASH	0.08%	NMT 0.1 % w/w
9	LOSS ON DRYING	0.41 %	NMT 0.5 % w/w
10	ASSAY ON DRIED BASIS	99.85 %	99.0 % to 101.0 % of C ₁₄ H ₂₂ N ₂ O ₃

THIS PRODUCT CONFORMS TO EP

DATE: 26/12/2014

This batch is in conformity with Pharm Eur & provisions of certificate of suitability R1-CEP 1998-017-Rev 03 granted to Kopran.

PREPARED BY	CHECKED BY	APPROVED BY
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C. O. A. issued to : M/s. Metapharmaceutical IND SL, Spain



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