



Certificate Of Analysis
ATENOLOL EP

Kopran

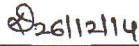
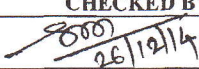
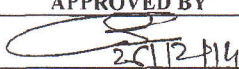
BATCH No. : ALU/PI412055	ANALYTICAL REPORT No. FPPA/141046	MFG. DATE : DEC.2014
DISPATCH QTY. : 625.00 Kg		EXP. DATE : NOV.2019

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. : 152.8°C B. UV abs. R : 1.19 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	+0.0013°	+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 % 0.07% Not Detected 0.06 % 0.05 % 0.34%	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	0.07%	NMT 0.1 % w/w
9	LOSS ON DRYING	0.32%	NMT 0.5 % w/w
10	ASSAY ON DRIED BASIS	99.80 %	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
 26/12/14	 26/12/14	 26/12/14
S. D. Kamerkar Sr. Officer - QA	M. G. Sutar Asst. Manager - QC	P. M. Sheth Sr. Manager - QC

C. O. A. issued to : M/s. Metapharmaceutical IND SL, Spain



KOPRAN LTD.: Parijat House, 1076, Dr. E. Moses Road, Worli, Mumbai - 400 018. P.B.No. 9917, Tel.: (022) 4366 1111
Fax : (022) 2495 0363 Website: www.kopran.com • CIN - L 24230 MH 1958 PLC 011078.

Works : K4/4, Additional MIDC, Village Birwadi, Next to Global Board, Mahad-402302. Tel.: (02145) 251101-04

• Fax: (02145) 251100.

• Village Savroli, Taluka : Khalapur, District : Raigad - 410 202. Tel.: (02192) 274500 / 335 / 337 Fax : (02192) 274025.