



QUALITY CONTROL DEPARTMENT			
CERTIFICATE OF ANALYSIS			
FINISHED GOODS			
Product Name : ATENOLOL Ph. Eur.			
Batch No. :	17314A2R11	Batch Size :	535.0 Kg
Mfg Date :	Sep/2017	Retest Date :	NA
Expiry Date :	Aug/2022	A.R.No. :	IBD-176301
IIMS AR No.	2102-9555	IIMS Specification No.	2102-80
Page No. :	1 of 2	Specification No./Revision No.	IS/BPC/A2/CS/COS/01/4

Test	Result	Specification	
Characters (Appearance)	White powder	A white or almost white powder.	
Characters (Solubility)	Conforms	sparingly soluble in water, soluble in anhydrous ethanol, slightly soluble in methylene chloride	
Identification	Conforms	Infrared absorption spectra of sample and standard are concordant.	
Appearance of Solution	Conforms	Solution S is clear and not more intensely coloured than degree 6 of the range of reference solutions of the most appropriate colour.	
Optical Rotation	-0.00°.	The angle of optical rotation is +0.10° to -0.10°.	
Related Substances (By HPLC)	0.01%	Para Hydroxyphenyl Acetamide [Impurity A] NMT 0.10%	
	0.11%	Diol [Impurity B] NMT 0.20%	
	Not Detected	Bis-Ether [Impurity E] NMT 0.10%	
	0.01%	Blocker Acid [Impurity G] NMT 0.15%	
	Not Detected	Tertiary Amine [Impurity F] NMT 0.15%	
	0.01%	Impurity I NMT 0.15%	
Checked By (QC)	Ajay Kumar Arora	Approved By (QA)	Mr. Manish Chouhan
Checked On	07/Oct/2017 19:15	Approved On	10/Oct/2017 17:56
Printed By : Mr. Manish Chouhan	Printed on :	10/Oct/2017 18:20	Copy No. : 1
Note: This document has been generated electronically and is valid without signature.			

Ipca Laboratories Ltd.

www.ipca.com

P.B.No : 33, P.O. Sejvta, Dist, RATLAM (M.P.) 457002, India | T:+91 07412-278000 F:+91 0741207412-279083
 Regd. Office: 48, Kandivli Industrial Estate, Kandivli (West), Mumbai 400067, India | T:+91 22 6647 4444 F:+91 22 2868 6613
 E: ipca@ipca.com CIN: L24239MH1949PLC007837



QUALITY CONTROL DEPARTMENT			
CERTIFICATE OF ANALYSIS			
FINISHED GOODS			
Product Name : ATENOLOL Ph. Eur.			
Batch No. :	17314A2RII	Batch Size :	535.0 Kg
Mfg Date :	Sep/2017	Retest Date :	NA
Expiry Date :	Aug/2022	A.R.No. :	IBD-176301
LIMS AR No.	2102-9555	LIMS Specification No.	2102-80
Page No. :	2 of 2	Specification No./Revision No.	TS/BPC/A2/CS/COS/01/4

Test	Result	Specification
	0.05%	Impurity J NMT 0.15%
	0.01%	Any Individual unknown impurity NMT 0.10%
	0.21%	Sum of All Impurities NMT 0.50%
Chlorides	< 0.1% w/w	NMT 0.1% w/w
Loss On Drying(at 105°C)	0.29 %w/w	NMT 0.5% w/w
Sulphated Ash	0.05 %w/w	NMT 0.1% w/w
Assay	100.1 %w/w	99.0% - 101.0% w/w of $C_{14}H_{22}N_2O_3$ (on dried basis).
REMARKS : The Sample Conforms with respect to the above specification		

FAGRON IBÉRICA, S.A.U
Corresponde al lote de Fagron:

L18040041

Director Técnico

Checked By (QC)	Ajay Kumar Arora	Approved By (QA)	Mr. Manish Chouhan
Checked On	07/Oct/2017 19:15	Approved On	10/Oct/2017 17:56
Printed By : Mr. Manish Chouhan	Printed on :	10/Oct/2017 18:20	Copy No. : 1
Note: This document has been generated electronically and is valid without signature.			

Ipca Laboratories Ltd.

www.ipca.com

P.B.No : 33, P.O. Sejavta, Dist, RATLAM (M.P.) 457002, India | T:+91 07412-278000 F:+91 0741207412-279083
Regd. Office: 48, Kandivli Industrial Estate, Kandivli (West), Mumbai 400067, India | T:+91 22 6647 4444 F:+91 22 2868 6613
E: ipca@ipca.com CIN: L24239MH1949PLC007837