

QUALITY CONTROL DEPARTMENT			
CERTIFICATE OF ANALYSIS			
FINISHED GOODS			
Product Name : PROPRANOLOL HYDROCHLORIDE Ph.Eur.			
Batch No. :	22131PRRII	Batch Size :	523.80 KG
Mfg Date :	Aug/2022	Expiry Date :	Jul/2027
Retest Date :	NA	A.R.No. :	IBD-224058
Lims AR No.:	2102-12725	LIMS Specification No.:	2102-14
Page No.:	1 of 2	Specification No./Revision No.:	TS/API/PR/COS/2.0/5

Tests	Specifications	Results
Character	A white or almost white powder.	White powder
Character [Solubility]	Soluble in water and in ethanol (96%),practically insoluble in heptane.	Conforms
Identification 1	Infrared absorption spectrum of the sample and standard are concordant.	Conforms
Identification 2	Conforms by reaction (a) of chlorides.	Conforms
Appearance Of Solution	The solution is clear and not more intensely coloured than intensity 6 of the range of reference solutions of the most appropriate colour.	Conforms
Acidity [Or] Alkalinity	The solution is red. Add 0.4 ml of 0.01 M sodium hydroxide.The solution is yellow.	Conforms
Related Substances [By HPLC]	Impurity A : NMT 0.10%	BDL
	Impurity B : NMT 0.10%	BQL
	Impurity C : NMT 0.10%	Not Detected
	Any Unspecified Impurity : NMT 0.10%	BDL
	Total Impurities : NMT 0.20%	BQL

Checked By (QC)	Brijesh Kumar	Approved By (QA)	Rajendra Singh
Checked On	21/Sep/2022 17:44	Approved On	22/Sep/2022 18:00
Printed By : Rajendra Singh	Printed on :	22/Sep/2022 18:15	Copy No. : 1
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Tests	Specifications	Results
Loss On Drying	NMT 0.5%w/w	0.23% w/w
Sulphated Ash	NMT 0.1%w/w	0.04% w/w
Assay	99.0% - 101.0% of C ₁₆ H ₂₂ ClNO ₂ (on dried basis)	100.0% [odb]
REMARKS : The Sample CONFORMS with respect to the above Specifications		

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