



Basic Pharma Life Science Pvt. Ltd.

Manufacturer of Bulk Drugs, Drug Intermediates and Fine Chemicals

Q & Q Plot No. 146/A&B, Opp.New Fire Station, GIDC Estate, Ankleshwar-393002. Gujarat,India.

NAME OF PRODUCT	CHLORHEXIDINE GLUCONATE SOLUTION USP		
BATCH NO.	: 25BPLS/CHG101	A.R. NO.	: 25FP357
MANUFACTURING DATE	: MAY - 2025	BATCH SIZE	: 8800.00 Kg
EXPIRY DATE	: APR - 2028	QTY. SAMPLED	: 100 ml
TEST SPECIFICATION NO.	: FPS/004		

CERTIFICATE OF ANALYSIS

Sr. No.	TEST	REQUIREMENTS	RESULTS
1.	Description	An almost colourless or pale- yellow, clear liquid.	An almost colourless, Clear liquid
2.	Solubility	Miscible with glacial acetic acid and with water; Miscible with three times its volume of acetone and with five times its volume of dehydrated alcohol	Complies
3.	Identification:		
	A. IR	To match with the Reference Standard	Complies
	B. TLC	Principal spot of the sample solution corresponds in colour, size and Rf value to that of standard solution.	Complies
4.	Assay (By HPLC)	Not less than 19.0 % and Not more than 21.0 % w/v of $C_{22}H_{30}Cl_2N_{10}, 2C_6H_{12}O_7$	20.10 % w/v
5.	Organic Impurities:		
	• Chlorhexidine oxazinone analog.	Not more than 0.2 %	0.06 %
	• Specified unidentified impurity 1.	Not more than 0.2 %	Not detected
	• Chlorhexidine amine.	Not more than 0.3 %	Below disregard limit
	• Chlorhexidine guanidine.	Not more than 1.0 %	0.06 %
	• Chlorhexidine urea.	Not more than 0.2 %	Below disregard limit
	• p-Chlorophenyl urea.	Not more than 0.2 %	Not detected
	• Chlorhexidine nitrile.	Not more than 0.4 %	Not detected

PAGE NO: 01 OF 02

AN ISO 9001:2015 COMPANY

Quantity is Must but Quality is First

Ph. : +91-2646-226037 / +91-7622800080 • Telefax : +91-2646-226037

Email : sales@basicpharma.in • info@basicpharma.in

Skype ID : bplspl • web : <http://www.basicpharma.in>

CIN: U24230GJ2005PTC046278



Basic Pharma Life Science Pvt. Ltd.

Manufacturer of Bulk Drugs, Drug Intermediates and Fine Chemicals

Q & Q Plot No. 146/A&B, Opp.New Fire Station, GIDC Estate, Ankleshwar-393002. Gujarat,India.

NAME OF PRODUCT	CHLORHEXIDINE GLUCONATE SOLUTION USP		
BATCH NO.	: 25BPLS/CHG101	A.R. NO.	: 25FP357
MANUFACTURING DATE	: MAY - 2025	BATCH SIZE	: 8800.00 Kg
EXPIRY DATE	: APR - 2028	QTY. SAMPLED	: 100 ml
TEST SPECIFICATION NO.	: FPS/004		
CERTIFICATE OF ANALYSIS			

Sr. No.	TEST	REQUIREMENTS	RESULTS		
	Organic Impurities:				
	• Chlorhexidine dimer.	Not more than 0.5 %	0.22 %		
	• O-chlorhexidine and Specified unidentified impurity 2.	Not more than 0.4 %	0.06 %		
	• Chlorhexidine glucityl triazine.	Not more than 0.4 %	Below disregard limit		
	• Oxochlorhexidine.	Not more than 0.4 %	Below disregard limit		
	• Any individual unspecified impurities.	Not more than 0.10 %	Below disregard limit		
	• Total impurities.	Not more than 3.0 %	0.40 %		
6.	Limit of p-Chloroaniline (By HPLC)	Not more than 500 µg/ml	12 µg/ml		
7.	Specific gravity	1.06 To 1.07	1.064		
8.	pH	Dilute 1.0 ml to 20.0 ml with carbon dioxide free water R. The pH of solution is 5.5 to 7.0	6.02		
9.	Additional test:				
	Colour Test	Absorbance not more than 0.03 at 480 nm	0.008 Abs		
REMARKS: The material complies with respect to the above specifications.					
Prepared by	: N.D.Girase	Checked by	: S.N.Patel	Approved by	: P.P.Diwan
Date	: 31/05/2025	Date	: 31/05/2025	Date	: 31/05/2025



PAGE NO: 02 OF 02

AN ISO 9001:2015 COMPANY

Quantity is Must but Quality is First

Ph. : +91-2646-226037 / +91-7622800080 • Telefax : +91-2646-226037

Email : sales@basicpharma.in • info@basicpharma.in

Skype ID : bplspl • web : http://www.basicpharma.in

CIN: U24230GJ2005PTC046278