



# G. AMPHRAY LABORATORIES

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## CERTIFICATE OF ANALYSIS

Product Name : CHLORHEXIDINE GLUCONATE 20% SOLUTION USP 34/ EP7.0/ BP 2011  
Batch No. : CHG-69/12  
Mfg. Date : MAY 2012 Exp. Date : APR 2015

TESTS	SPECIFICATIONS	RESULT
1. Description	Almost Colorless or pale yellow, clear liquid.	Clear Colorless Liquid
2. Solubility	Miscible with glacial acetic acid and with water; Miscible with three times of its volume of acetone and five times its volume of dehydrated alcohol; further addition of acetone or dehydrated alcohol yields a white turbidity.	Complies
3. Identification: AB/BCD. 3B) Residual Melting Point	Between 132°C and 136 °C	133° C – 134 °C
3C) Chemical Test	A deep red color is produced	Complies
3D) TLC	To Comply USP/EP/BP	Complies
4. Specific Gravity	Between 1.06 to 1.07	1.065
5. pH (5% v/v)	Between 5.5 and 7.0	5.80
6. Related Substance	NMT 3.0%	0.49%
7. p-Chloroaniline (HPLC/Chemical)	Less than 50 ppm	38.3 ppm
8. Assay By (H.P.L.C.)	NLT 19.0% and NMT 21.0% (w/v)	20.10% (w/v)
9. Assay By (Potentiometry)	NLT 19.0% and NMT 21.0% (w/v)	19.92% (w/v)

REMARKS: The above material complies as per USP 34/EP7.0 / BP 2011 Specifications.

Certified True Copy  
For G. AMPHRAY LABORATORIES

AUTHORISED SIGNATORY

PLANTS 1:  
43/2, Narpoli, Amina Compound,  
Near Dhamankar Naka,  
Bhiwandi - 421 302  
MAHARASHTRA  
Tel : 95252 - 232374 \* 230006

PLANTS 2 :  
10/1 MIDC Industrial Area,  
Ambernath - 421 510  
MAHARASHTRA  
Tel : 95251 - 2682191 \* 2682 711  
Fax : 95251 - 2682 192

BANKERS :  
STATE BANK OF INDIA  
Overseas Branch,  
World Trade Centre,  
Cuffe Parade,  
Mumbai - 400 005.

BANKERS :  
COMMERZ BANK AG  
Jungfernstieg 22, 20354  
Hamburg,  
Germany.