

# G. AMPHRAY LABORATORIES

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## CERTIFICATE OF ANALYSIS

Product Name : CHLORHEXIDINE GLUCONATE 20% SOLUTION EP5/ BP 2004 / USP 28.  
Batch No. : 8CHG090  
Mfg. Date : MAY, 2008. Exp. Date : APRIL, 2011.

### RESULT OF ANALYSIS

TESTS	SPECIFICATIONS	RESULT
Characters	An almost colourless or pale yellowish liquid, miscible with water, soluble in acetone and in alcohol.	An almost colourless liquid miscible with water, soluble in acetone and in alcohol.
Identification	First Identification : A, B Second Identification : B, C, D.	Complies.
Relative Density	1.06 – 1.07	1.065
pH	Dilute 5.0 ml to 100.0 ml with carbon dioxide free water R. The pH of the solution is 5.5 to 7.0	6.10
Chloroaniline ( PCA )	To comply with EP 5 / BP Test 2004 / USP 28	39.00 ppm Complies
Related Substances	To comply with EP 5 / BP Test 2004 / USP 28	1.32 ppm Complies
Residual Solvent N- Butanol Metanol	< 100 ppm < 100 ppm	Complies. Complies.
Assay	Chlorhexidine Digluconate Solution is an aqueous solution which contains not less than 190 G/L and not more than 210 G/L of 1,1'Hexamethylenenebis[5-(4-Chlorophenyl)-Biguanide]di(D-Digluconate).(19-21 % w/v )	199.7 Gm / Litre 19.75 % w/v by HPLC

REMARKS : THE ABOVE MATERIAL COMPLIES AS PER EP 5 / BP 2004 / USP 28 SPECIFICATIONS.

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AUTHORISED SIGNATORY