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CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2025

Re-test Date: Jul 2028

Product Name: Chlorhexidine Gluconate Solution

Identification:

Chemical Name: N1,N1'-(Hexane-1,6-diyl)bis[N3-(4-chlorophenyl)imidodicarbonimidic diamide] di-D-gluconate

Synonyms : NA

CAS Number : 18472-51-0

CAT Number : CP-C67013

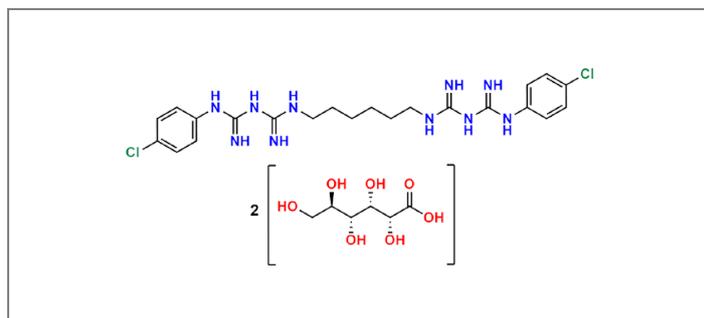
Molecular Formula : C₂₂H₃₀Cl₂N₁₀ : 2(C₆H₁₂O₇)

Molecular Weight : 505.5 : 2(196.2)

Batch Number : CP-CHL-DIG-0224

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	Colorless Oil
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.81%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	74.090%
7)	Potency by TGA	25.34%



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.