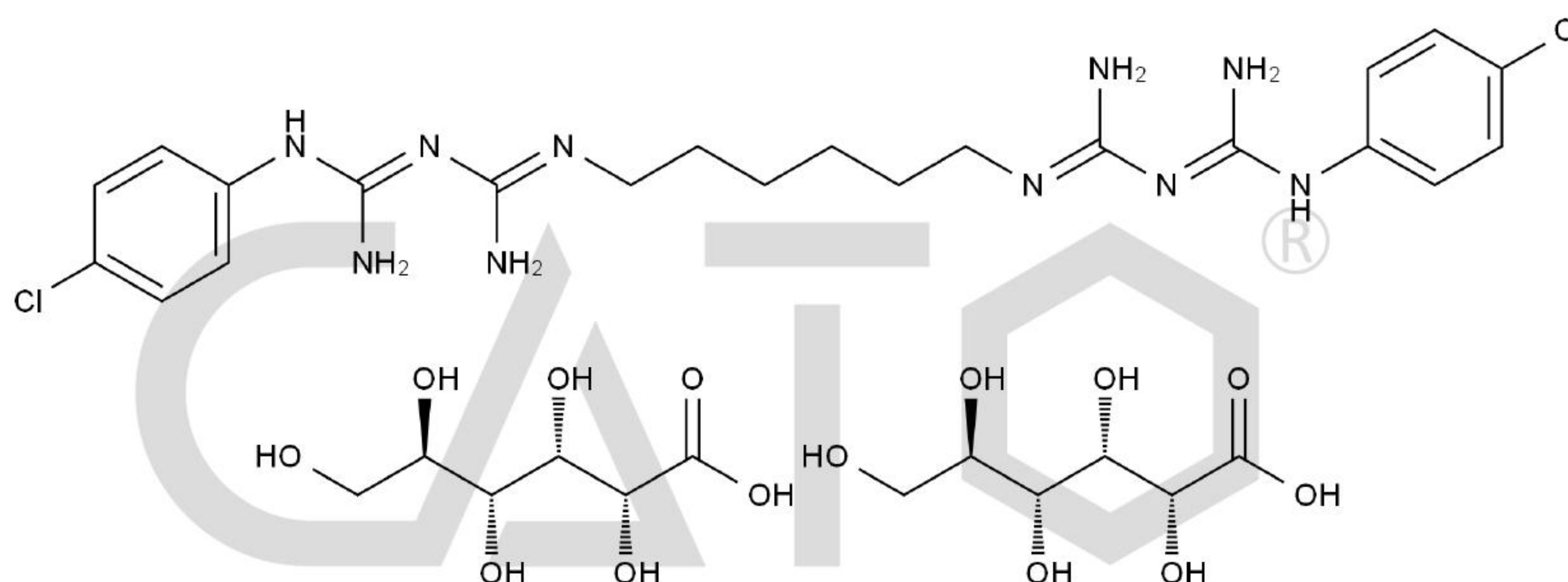


Certificate of Analysis

Reference Material & Standard

Product Name:	Chlorhexidine Digluconate	Catalogue Number:	CCAD302702
Synonyms:	N/A	Lot Number:	0330-RH-0165
CAS Number:	18472-51-0	Expiry Date:	Apr 06, 2030
Molecular Formula:	$C_{22}H_{30}Cl_2N_{10} \cdot 2 \cdot C_6H_{12}O_7$	Storage:	-20°C ± 5°C Protected from light and Sealed
Molecular Weight:	505.45 2*196.16	Shipping Condition:	Shipping with Ice Packs
Solubility:	Water	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.6%
Assay	qNMR	18.7%
Uncertainty		±3.0%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Apr 07, 2026

Date: Apr 07, 2026

Date: Apr 07, 2026



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