

## 1. Identification

**Catalogue Number**

C292770

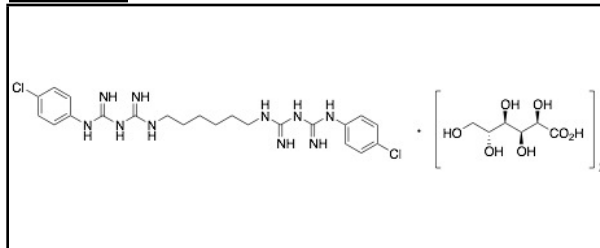
**Lot Number**

2024-NKR-057

**Product Name**

Chlorhexidine Digluconate (20% in water)

**Structure**



**Synonyms**

D-Gluconic Acid Compd. With N1,N14-bis(4-Chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediimidamide (2:1); D-Gluconic Acid Compd. With 1,1'-Hexamethylenebis[5-(p-chlorophenyl)biguanide] (2:1); D-Gluconic Acid Compd. With N,N''-bis(4-Chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediimidamide (2:1); D-Gluconic Acid Compd. With 1,1'-

**CAS Number**

18472-51-0

**Solubility**

DMSO (Slightly), Methanol (Slightly)

**Shipping Condition**

This Product Is Stable To Be Shipped At Room Temperature

**Molecular Formula**

C<sub>34</sub>H<sub>54</sub>Cl<sub>2</sub>N<sub>10</sub>O<sub>14</sub>

**Source of Product**

N/A

**Long Term Storage Conditions**

4°C

**Molecular Weight**

897.76

**Purity**

98%

## 2. Warnings

Not Determined

## 3. Analytical Information

**Tests**

Appearance

**Specifications**

Colourless Solution

**Results**

Clear Colourless Solution

NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

Water Content

Report Result

75.8% by Karl Fischer

**Additional Information**

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

**Reviewed by**

*Farnaz Mahmoudi*

Farnaz Mahmoudi

Product Quality Specialist

**Reviewed by**

*Toni Rantanen*

Toni Rantanen

Manager, Quality Assurance

**C of A Approved by**

*Sadaf Samadi*

Sadaf Samadi

Quality Assurance Associate

**Test Date**

6/3/2024

**Retest Date**

6/1/2028