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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Chlorhexidine EP Impurity O**

### Identification:

Chemical Name: N-[6-[[N-[N-(2-chlorophenyl)carbamimidoyl]carbamimidoyl]amino]hexyl]-N-(4-chlorophenyl)imidodicarbonimidic diamide (as per EP)

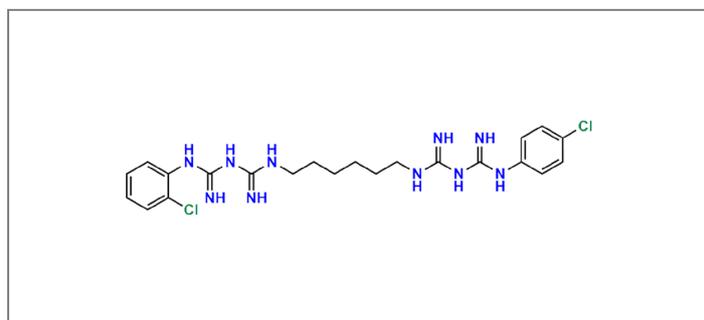
Synonyms : o-Chlorhexidine (USP)

CAS Number : 2508008-02-2

CAT Number : CP-C67015

Molecular Formula : C<sub>22</sub>H<sub>30</sub>Cl<sub>2</sub>N<sub>10</sub>

Molecular Weight : 505.45



Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA

### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



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.