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## CERTIFICATE OF ANALYSIS

Analysis Date:

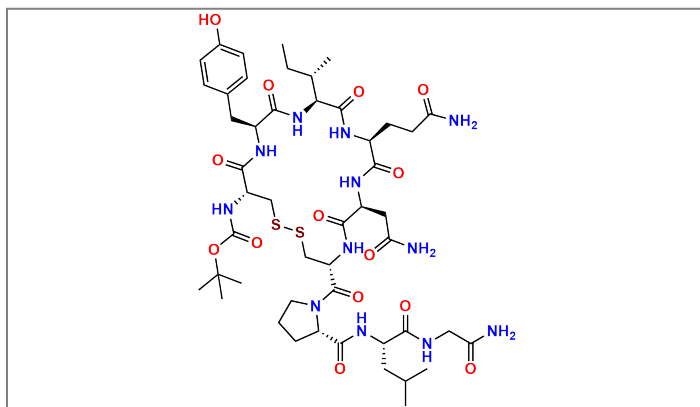
Re-test Date:

**Product Name: Oxytocin Impurity 4**

### Identification:

Chemical Name: Tert-butyl ((4R,7S,10S,13S,16S,19R)-7-(2-amino-2-oxoethyl)-4-((S)-2-(((S)-1-((2-amino-2-oxoethyl)amino)-4-methyl-1-oxopentan-2-yl)carbamoyl)pyrrolidine-1-carbonyl)-10-(3-amino-3-oxopropyl)-13-((S)-sec-butyl)-16-(4-hydroxybenzyl)-6,9,12,15,18-pentaoxo-1,2-dithia-5,8,11,14,17-pentaazacycloicosan-19-yl)carbamate

Synonyms : NA  
CAS Number : 6390-51-8  
CAT Number : CP-O42010  
Molecular Formula : C<sub>48</sub>H<sub>74</sub>N<sub>12</sub>O<sub>14</sub>S<sub>2</sub>  
Molecular Weight : 1107.31



### 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)	H1NMR	Confirm to structure

### Prepared and Reviewed By

### Approved By




Ms Priyanka Salunkhe  
(Manager QC Analytical)



Ms Rohini Gagare  
(QA Head)

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