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### CERTIFICATE OF ANALYSIS

Analysis Date:

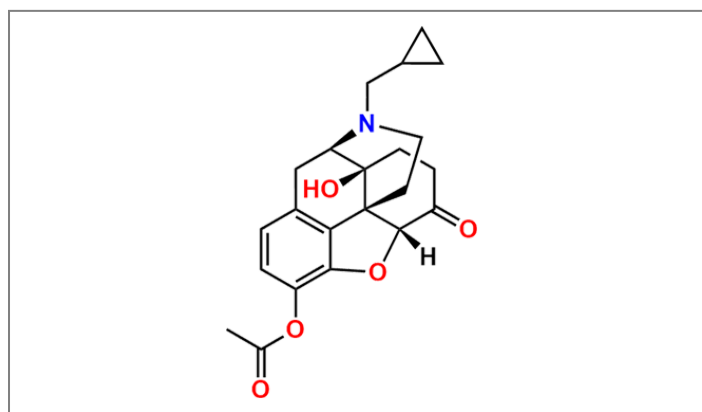
Re-test Date:

**Product Name: 3-(O)-Acetyl Naltrexone**

#### Identification:

Chemical Name: (4R,4aS,7aR,12bS)-3-(cyclopropylmethyl)-4a-hydroxy-7-oxo-2,3,4,4a,5,6,7,7a-octahydro-1H-4,12-methanobenzofuro[3,2-e]isoquinolin-9-yl acetate

Synonyms : NA  
CAS Number : 111129-14-7  
CAT Number : CP-N57015  
Molecular Formula : C<sub>22</sub>H<sub>25</sub>NO<sub>5</sub>  
Molecular Weight : 383.4



#### 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**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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