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## CERTIFICATE OF ANALYSIS

Analysis Date:

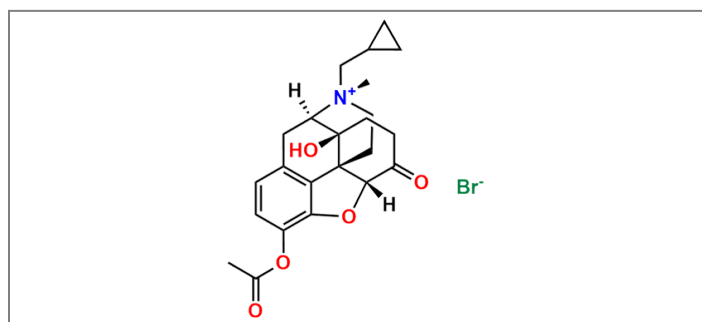
Re-test Date:

**Product Name: (S)-3-O-Acetylnaltrexone Methyl Bromide**

### Identification:

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

Synonyms : NA  
CAS Number : 1252784-80-7  
CAT Number : CP-N57024  
Molecular Formula : C<sub>23</sub>H<sub>28</sub>NO<sub>5</sub> : Br  
Molecular Weight : 398.5 : 79.9



### 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.