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## CERTIFICATE OF ANALYSIS

Analysis Date:

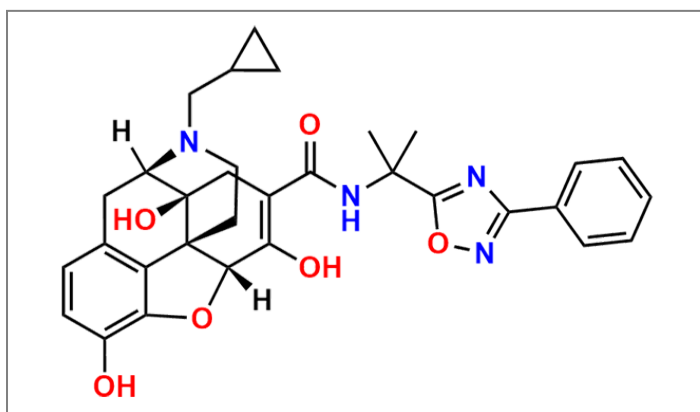
Re-test Date:

**Product Name: Naldemedine (In House Standard)**

### Identification:

Chemical Name: (4R,4aS,7aR,12bS)-3-(Cyclopropylmethyl)-4a,7,9-trihydroxy-N-(2-(3-phenyl-1,2,4-oxadiazol-5-yl)propan-2-yl)-2,3,4,4a,5,7a-hexahydro-1H-4,12-methanobenzofuro[3,2-e]isoquinoline-6-carboxamide

Synonyms : NA  
CAS Number : 916072-89-4  
CAT Number : CP-N72000  
Molecular Formula : C<sub>32</sub>H<sub>34</sub>N<sub>4</sub>O<sub>6</sub>  
Molecular Weight : 570.65



### 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	>98%
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.