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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2024

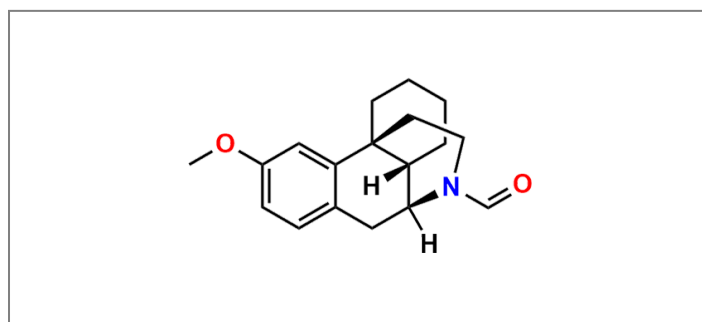
Re-test Date: Jan 2026

**Product Name: (+)-3-Methoxy-N-formylmorphinan**

### Identification:

Chemical Name: (4bS,8aS,9S)-3-methoxy-6,7,8,8a,9,10-hexahydro-5H-9,4b-(epiminoethano)phenanthrene-11-carbaldehyde

Synonyms : NA  
CAS Number : 28973-48-0  
CAT Number : CP-D31008  
Molecular Formula : C<sub>18</sub>H<sub>23</sub>NO<sub>2</sub>  
Molecular Weight : 285.39  
Batch Number : CP-MET-NFM-0224  
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	Off White Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.41%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.