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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

Re-test Date: Dec 2028

**Product Name: Dextromethorphan EP Impurity D**

### Identification:

Chemical Name: ent-(14S)-3-Methoxy-17-methylmorphinan

Synonyms : NA

CAS Number : 1453167-99-1

CAT Number : CP-D31004

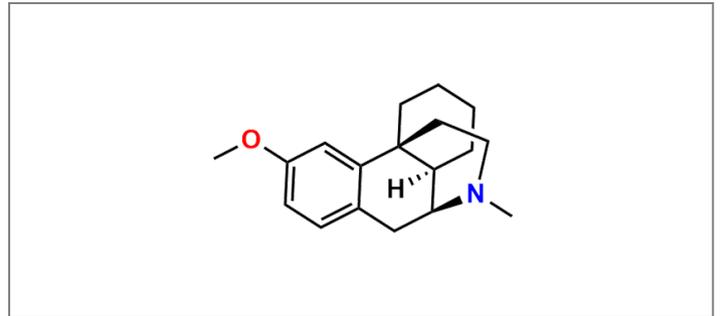
Molecular Formula : C<sub>18</sub>H<sub>25</sub>NO

Molecular Weight : 271.40

Batch Number : CP-DEX-D-0126

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 Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.89%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.108 %
8)	Potency by TGA	99.71%



### Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

### Approved By

Ms Rohini Gagare  
(Quality Assurance)

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