

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMD001013-01)

**Release Date:** 28/01/2026

**Re-test Date:** 27/01/2029

## **Dextromethorphan Hydrobromide USPRS**

### **Identification**

**Chemical Name :**

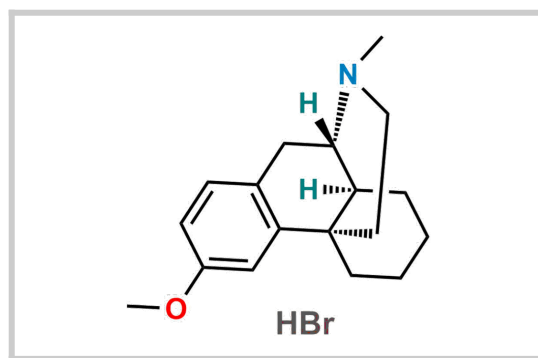
Ent-3-Methoxy-17-methylmorphinan hydrobromide

**CAT No.** : KMD001013

**CAS No.** : 125-69-9

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

**Molecular Weight** : 271.4 : 80.9



### **Analytical Information**

**Batch No.** : D001013-114-120

**Description** : White Solid

**HPLC Purity** : 99.43 %

**Weight Loss By TGA** : 1.18 %

**% Potency** : 98.26 %

**Solubility** : ACN

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C NMR** : Confirm

### **Additional Information**

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be Shipped at Room Temperature

**% Potency** = [100 - 1.18(Weight Loss By TGA)] x [99.43(HPLC Purity)]/100 = 98.26 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		29/01/2026

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and TGA