

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMC029001-01)

**Release Date:** 26/05/2025

**Re-test Date:** 25/05/2028

## **Nitroso Iminodibenzyl**

### **Identification**

**Chemical Name :**

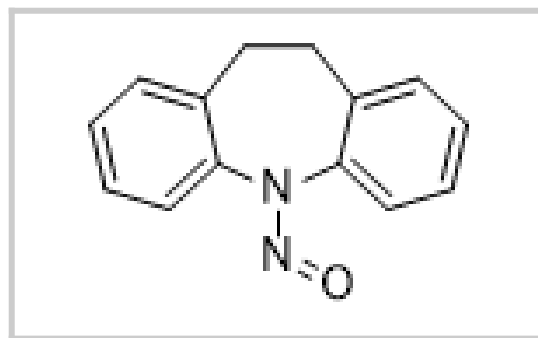
5-nitroso-10,11-dihydro-5H-dibenzo[b,f]azepine

**CAT No.** : KMC029001

**CAS No.** : 7458-08-4

**Molecular Formula** : C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>O

**Molecular Weight** : 224.26



### **Analytical Information**

**Batch No.** : C029001-102-046

**Description** : Yellow Solid

**HPLC Purity** : 95.53 %

**Weight Loss By TGA** : 0.38 %

**% Potency** : 95.17 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H 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 - 0.38(Weight Loss By TGA)] x [95.53(HPLC Purity)]/100 = 95.17 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		26/05/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA