

# CERTIFICATE OF ANALYSIS

(Certificate No. KMC030001-01)

Release Date: 26/04/2024

Re-test Date: 25/04/2027

## Carbinoxamine Related Compound C

### Identification

**Chemical Name :**

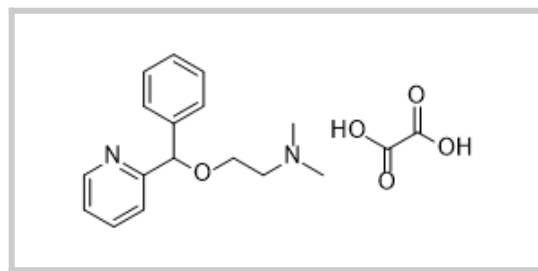
N,N-dimethyl-2-(phenyl(pyridin-2-yl)methoxy)ethanamine oxalate

**CAT No.** : KMC030001

**CAS No.** : 2771193-12-3 (oxalate salt) ;  
1221-70-1 (free base)

**Molecular Formula** : C<sub>16</sub>H<sub>20</sub>N<sub>2</sub>O : C<sub>2</sub>H<sub>2</sub>O<sub>4</sub>

**Molecular Weight** : 256.34 : 90.0



### Analytical Information

**Batch No.** : CAR-RCC-073-188

**Description** : Off white Hygroscopic Solid

**HPLC Purity** : 99.04 %

**Weight Loss By TGA** : 0.62 %

**% Potency** : 98.43 %

**Solubility** : ACN : Water (1:1)

**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 - 0.62(Weight Loss By TGA)] x [99.04(HPLC Purity)]/100 = 98.43 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/04/2024
Reviewed & Approved By	Quality Control	Jatin Patel		26/04/2024

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