

# CERTIFICATE OF ANALYSIS

(Certificate No. KMZ002001-01)

Release Date: 13/05/2024

Re-test Date: 12/05/2027

## 5-(Chloroacetyl)oxindole

### Identification

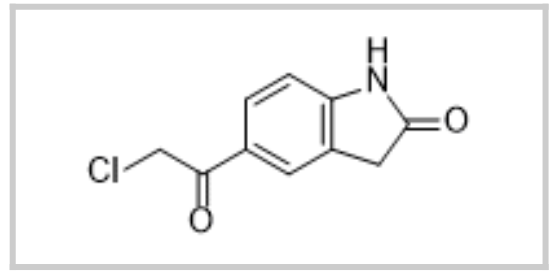
**Chemical Name :**  
5-(2-chloroacetyl)indolin-2-one

**CAT No. :** KMZ002001

**CAS No. :** 65435-04-3

**Molecular Formula :** C<sub>10</sub>H<sub>8</sub>ClNO<sub>2</sub>

**Molecular Weight :** 209.63



### Analytical Information

**Batch No. :** ZIP-IMP-20-073-211

**Description :** Light Brown Solid

**HPLC Purity :** 99.87 %

**Weight Loss By TGA :** 0.60 %

**% Potency :** 99.27 %

**Solubility :** DMSO

**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 - 0.60(Weight Loss By TGA)] x [99.87(HPLC Purity)]/100 = 99.27 %

**Recommendation :** Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		13/05/2024

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