

# CERTIFICATE OF ANALYSIS

(Certificate No. KMB008001-01)

Release Date: 19/07/2022

Re-test Date: 18/07/2025

## Baclofen EP Impurity A

### Identification

**Chemical Name :**  
4-(4-chlorophenyl)pyrrolidin-2-one

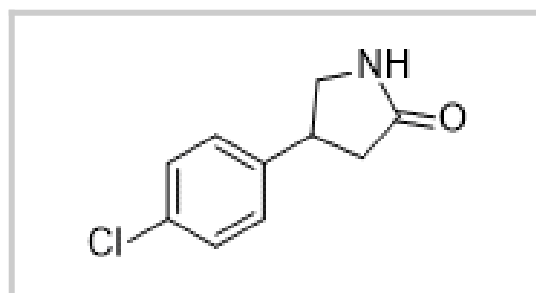
**Alt. Name** : Baclofen USP Related Compound A

**CAT No.** : KMB008001

**CAS No.** : 22518-27-0

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

**Molecular Weight** : 195.65



### Analytical Information

**Batch No.** : BAC-RC-A-030-223

**Description** : Off White Solid

**HPLC Purity** : 99.95 %

**Weight Loss By TGA** : 0.48 %

**% Potency** : 99.47 %

**Solubility** : ACN

**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 - 0.48(Weight Loss By TGA)] x [99.95(HPLC Purity)]/100 = 99.47 %

Remarks : COA Re-generated on 05.06.2024

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		05/06/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		05/06/2024

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