

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

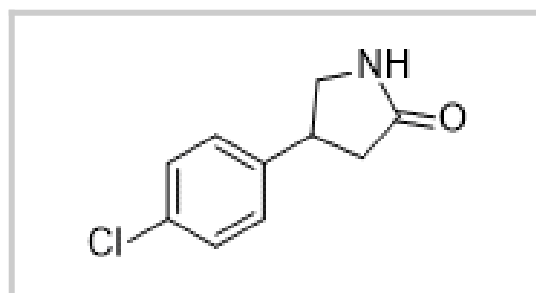
Alt. Name : Baclofen USP Related Compound A

CAT No. : KMB008001

CAS No. : 22518-27-0

Molecular Formula : C₁₀H₁₀ClNO

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

¹H 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
Prepared By	Analytical	Jignesh Patel		05/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		05/06/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA