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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2025

Re-test Date: Feb 2028

Product Name: Baclofen EP Impurity A

Identification:

Chemical Name: (4RS)-4-(4-Chlorophenyl)pyrrolidin-2-one (as per EP & USP)

Synonyms : Baclofen USP Related
Compound A

CAS Number : 22518-27-0

CAT Number : CP-B3001

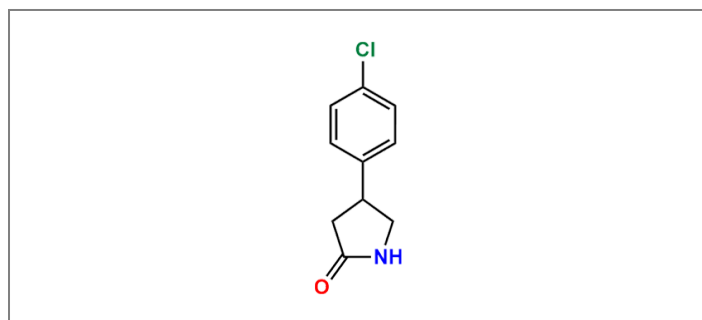
Molecular Formula : C₁₀H₁₀ClNO

Molecular Weight : 195.65

Batch Number : CP-BAC-A-0325

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.94%
5)	¹ H NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	2.302%
8)	Potency by TGA	97.64%



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.