

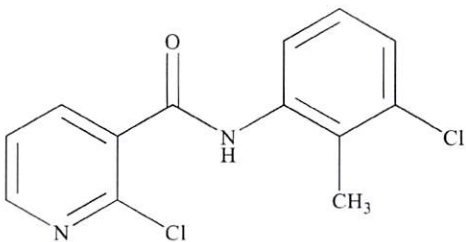
Certificate of Analysis

Certificate No.: **20240618020**



Date: June 18, 2024

Retest date: June 17, 2027

Compound Name: Clonixin Impurity 3	
Synonyms:	2-chloro- <i>N</i> -(3-chloro-2-methylphenyl)nicotinamide
TLC Catalogue Number:	C-566
CAS Number:	57841-61-9
Molecular Weight:	281.14
Molecular Formula:	C ₁₃ H ₁₀ Cl ₂ N ₂ O
Source:	TLC Pharmaceutical Standards
Source Lot No.:	3930-060A2
Storage Conditions:	Store at 2-8 °C
Solubility:	Methanol, DMSO, DMF



Test Description	Specifications	Results
Visual Description	White to off-white solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	100.0%
Impurity (HPLC)	N/A	
Water Content (KF)	N/A	0.1%
Residual Solvents (NMR)	0.1% methanol	
Assay (%)	Not less than 90.0%	99.8%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/19/2024
Approved by:	Quality Assurance		06/19/2024

Attachments: HPLC, IR, MS and NMR spectra.