

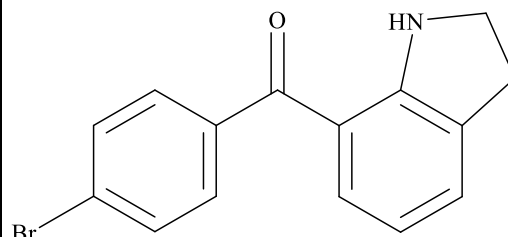
Certificate of Analysis

Certificate No.: 20200731011

Date: July 31, 2020

Retest date: July 23, 2023

Compound Name: Bromfenac Impurity 7	
Synonyms:	(4-bromophenyl)(indolin-7-yl)methanone
TLC Catalogue Number:	B-4715
CAS Number:	91714-41-9
Molecular Weight:	302.17
Molecular Formula:	C ₁₅ H ₁₂ BrNO
Source:	TLC Pharmaceutical Standards
Source Lot No.:	3868-084A6
Storage Conditions:	Store at 2-8 °C
Solubility:	DMSO, Acetonitrile



Test Description	Specifications	Results
Visual Description	Yellow solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.7%
Impurity (HPLC)	RT 17.29, 0.18%	
Water Content (KF)	N/A	0.2%
Residual Solvents (NMR)	0.1% methanol	
Assay (%)	Not less than 90.0%	99.4%
Recommendation:	Released.	

Name	Department	Signature	Date
Reviewed and approved by:	Analytical Services		
Approved by:	Quality Assurance		

Attachments: HPLC, IR, MS and NMR spectra.