

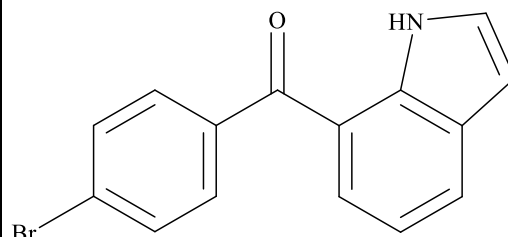
Certificate of Analysis

Certificate No.: 20200729006

Date: July 29, 2020

Retest date: July 24, 2023

Compound Name: Bromfenac Impurity 12	
Synonyms:	(4-bromophenyl)(1 <i>H</i> -indol-7-yl)methanone
TLC Catalogue Number:	B-4720
CAS Number:	91714-50-0
Molecular Weight:	300.16
Molecular Formula:	C ₁₅ H ₁₀ BrNO
Source:	TLC Pharmaceutical Standards
Source Lot No.:	3868-089A3
Storage Conditions:	Store at 2-8 °C
Solubility:	DMSO, Acetonitrile, DMF



Test Description	Specifications	Results
Visual Description	Pale 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%	99.9%
Impurity (HPLC)	N/A	
Water Content (KF)	N/A	0.2%
Residual Solvents (NMR)	0.2% methanol	
Assay (%)	Not less than 90.0%	99.5%
Recommendation:	Released.	

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

Attachments: HPLC, IR, MS and NMR spectra.