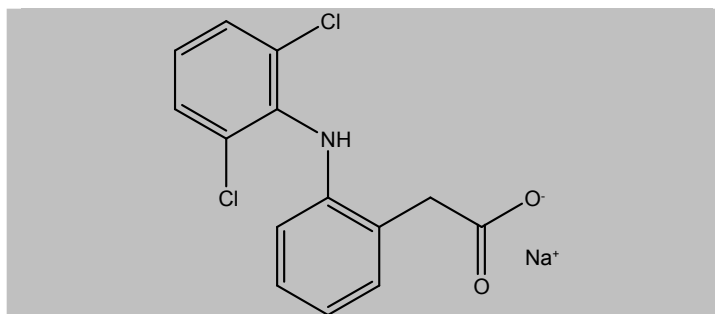


Certificate Of Analysis
Quality Control Testing and Research ApplicationCOA Preparation Date: 19/09/2013
COA Revision Date: 19/09/2016

Product: Diclofenac sodium
Cat. No.: BG0165
Batch No.: 0165BG/02
Chemical Name: (o-(2,6-Dichloroanilino)phenyl)acetic acid monosodium salt

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₄H₁₀Cl₂NNaO₂
Batch Molecular Weight: 318.13
CAS No.: [15307-79-6]
Physical Appearance: White or slightly yellowish crystalline powder
Melting Point: 283 - 285° C
Solubility: Soluble to 50 mg/ml in water
Storage: RT
Batch Molecular Structure:



Product Description: **Anti-inflammatory drug. NSAID and Cyclooxygenase inhibitor. Also inhibits PPAR γ receptors (K_i = 700 nM).**

References: 1. Barden et al. (2004) Cochrane Database Syst Rev CD004768; 2. Adamson et al. (2002) Mol Pharmacol 61:7

- CAUTION - Not fully tested. For Research use only. Not for human use. -

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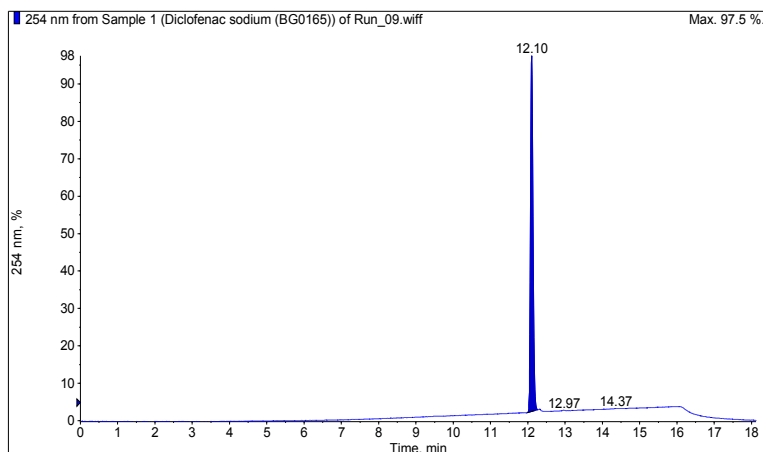
BG0165 Diclofenac sodium

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: Loss on drying: 0.1% (complies); Heavy Metals: < 10 ppm (complies); HPLC Assay: 99.4% (complies).



- CAUTION - Not fully tested. For Research use only. Not for human use. -