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Nota de aplicación

Chlordiazepoxide and Metabolites

Waters Corporation



This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief demonstrates analysis of chlordiazepoxide and metabolites.

Introduction

The compounds used in this study are -

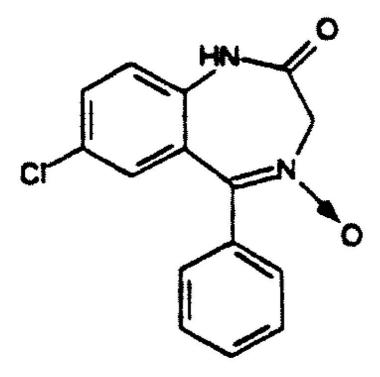
Compounds	USP Tailing Factors
Norchlordiazepoxide	1.1
Oxazepam	1.2
Nordiazepam	1.1
Chlordiazepoxide	1.2
Demoxepam	1.1

1. Norchlordiazepoxide

2. Oxazepam

3. Noradiazepam

4. Chlordiazepoxide



5. Demoxepam

Experimental

HPLC Method

Column: Symmetry C_{18} , 3.0 x 150 mm, 5 μm

Part number: WAT054200

Mobile phase: 20 mM potassium phosphate pH

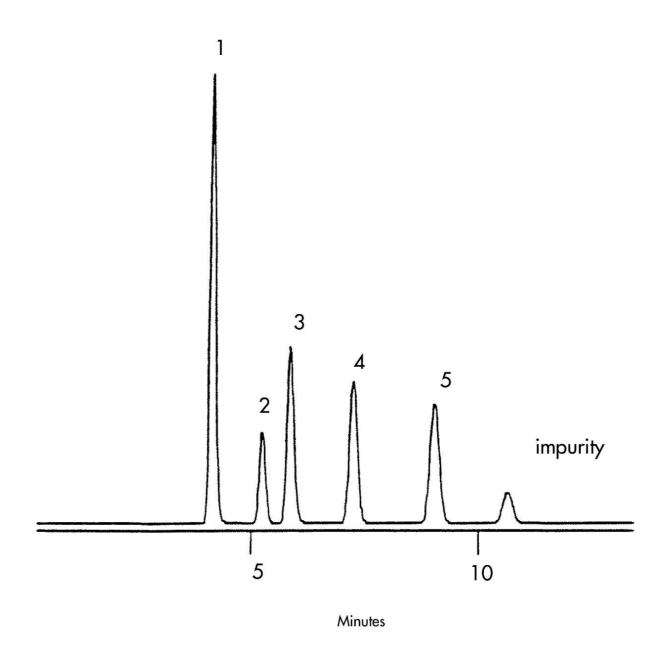
7.0/methanol/acetonitrile 49:28:23

Flow rate:	0.59 mL/min
	• • • • • • • • • • • • • • • • • • • •

Injection volume: 5 μ L of 40 74 μ g/mL

Detection: UV @ 240 nm

Results and Discussion



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