

Chlordiazepoxide and Metabolites

Waters Corporation



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

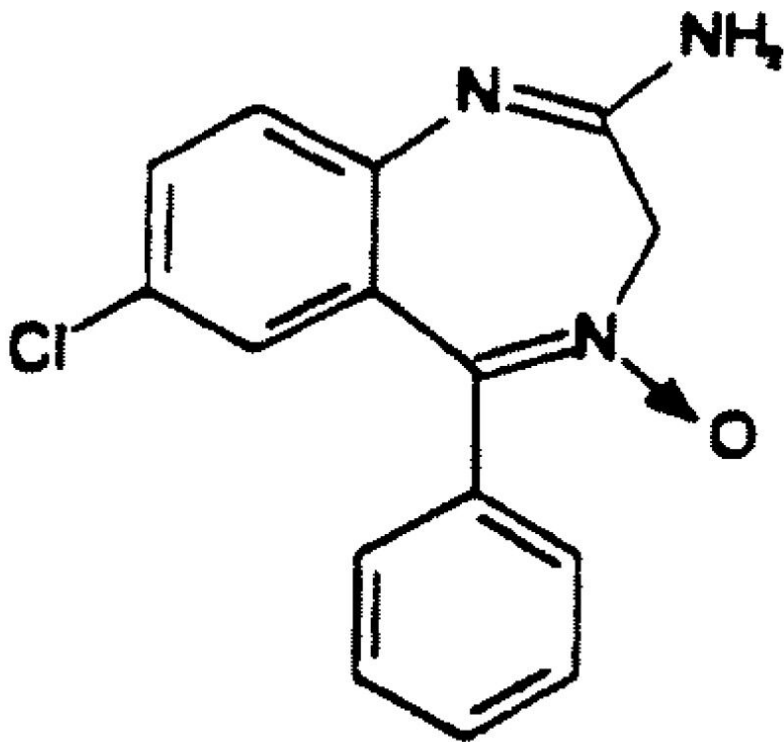
Abstract

This application brief demonstrates analysis of chlordiazepoxide and metabolites.

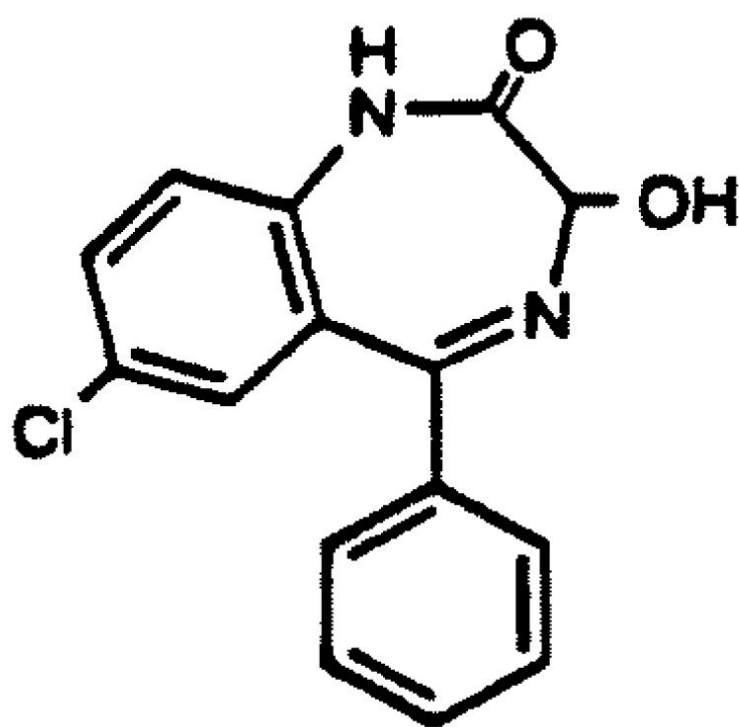
Introduction

The compounds used in this study are -

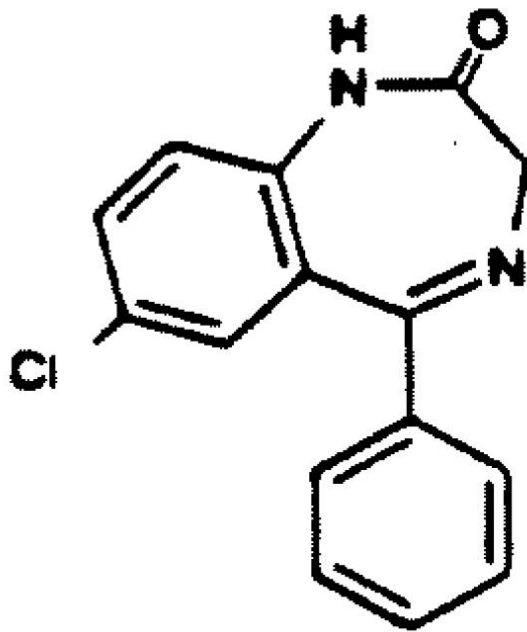
Compounds	USP Tailing Factors
Norchlordiazepoxide	1.1
Oxazepam	1.2
Nordiazepam	1.1
Chlordiazepoxide	1.2
Demoxepam	1.1



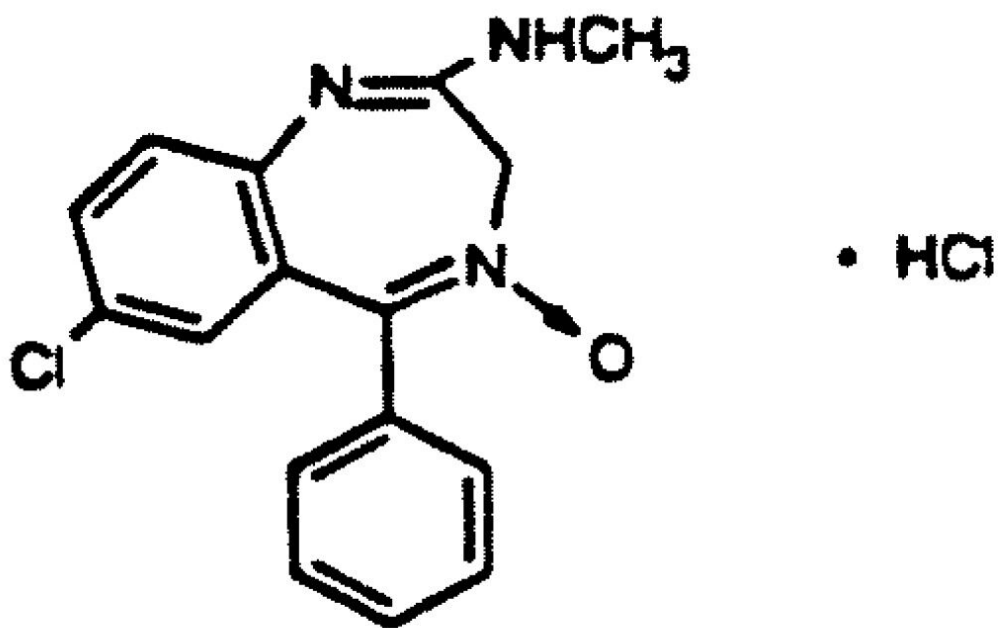
1. Norchlordiazepoxide



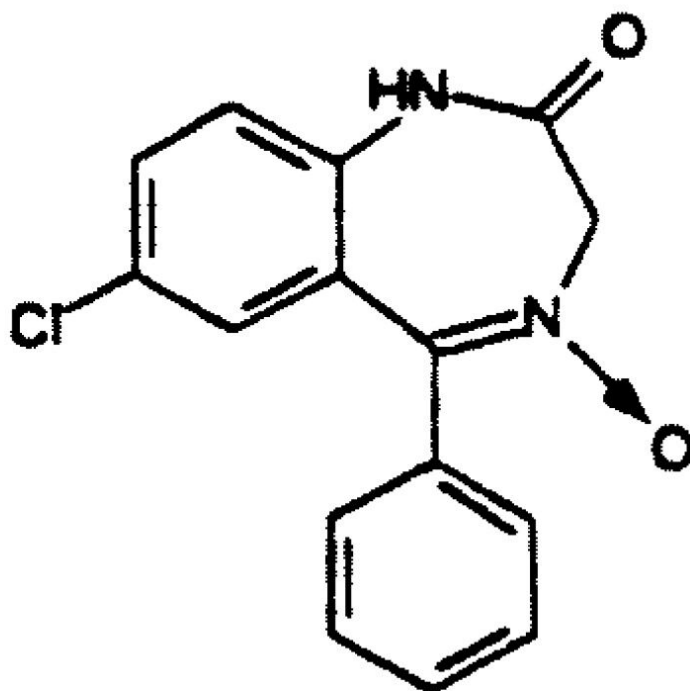
2. Oxazepam



3. Noradiazepam



4. Chlordiazepoxide



5. Demoxepam

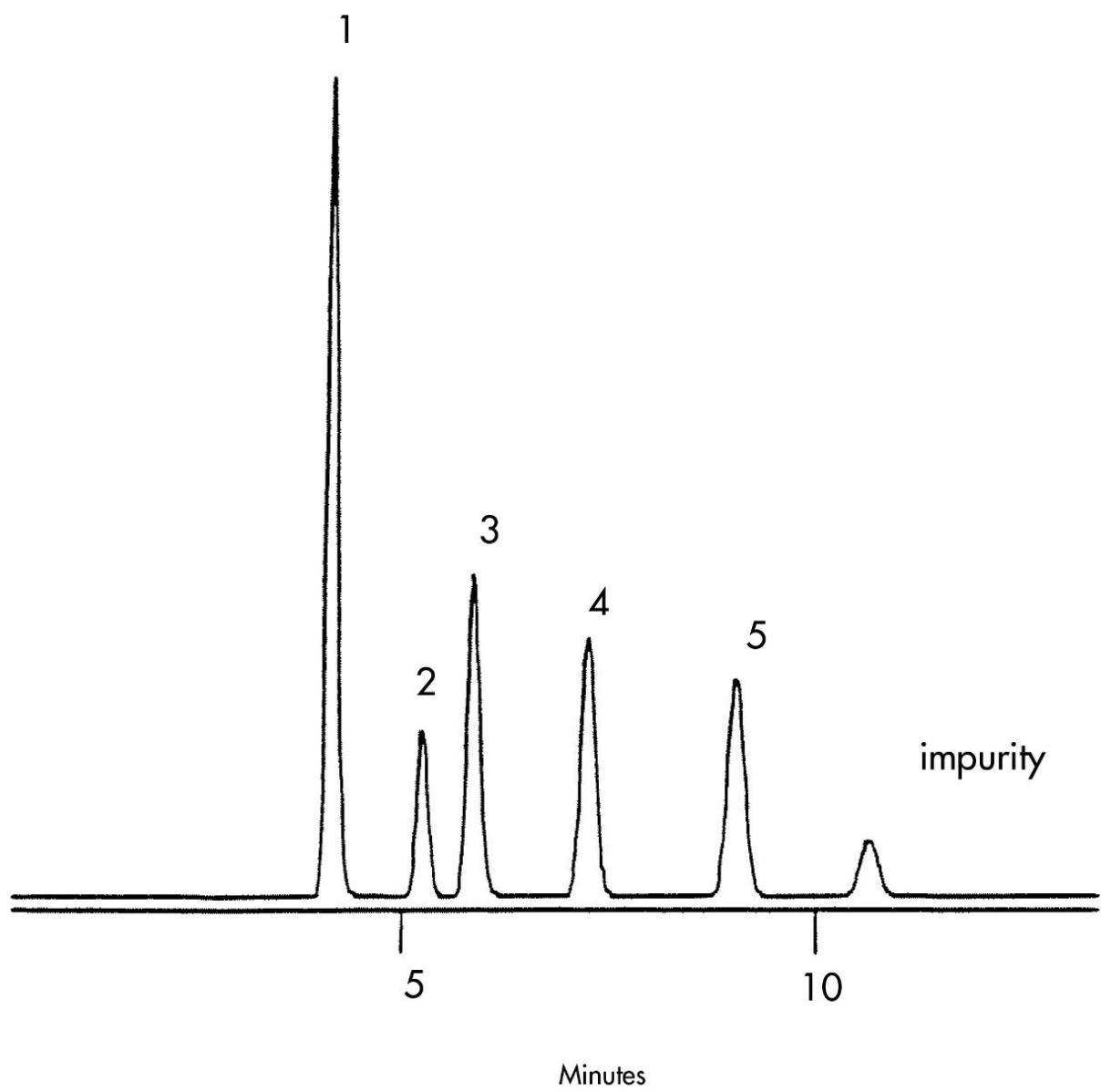
Experimental

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



Featured Products

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