

Promethazine – Impurities Profile

Waters Corporation



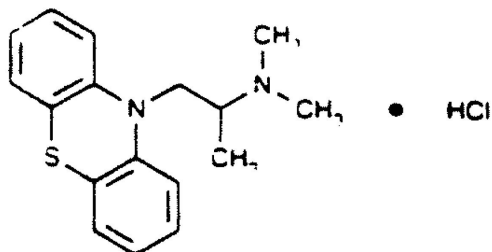
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief highlights the impurities profile of Promethazine using SymmetryShield Columns.

Introduction

Promethazine HCL impurities are studied in this application brief.



1. Promethazine HCL

Experimental

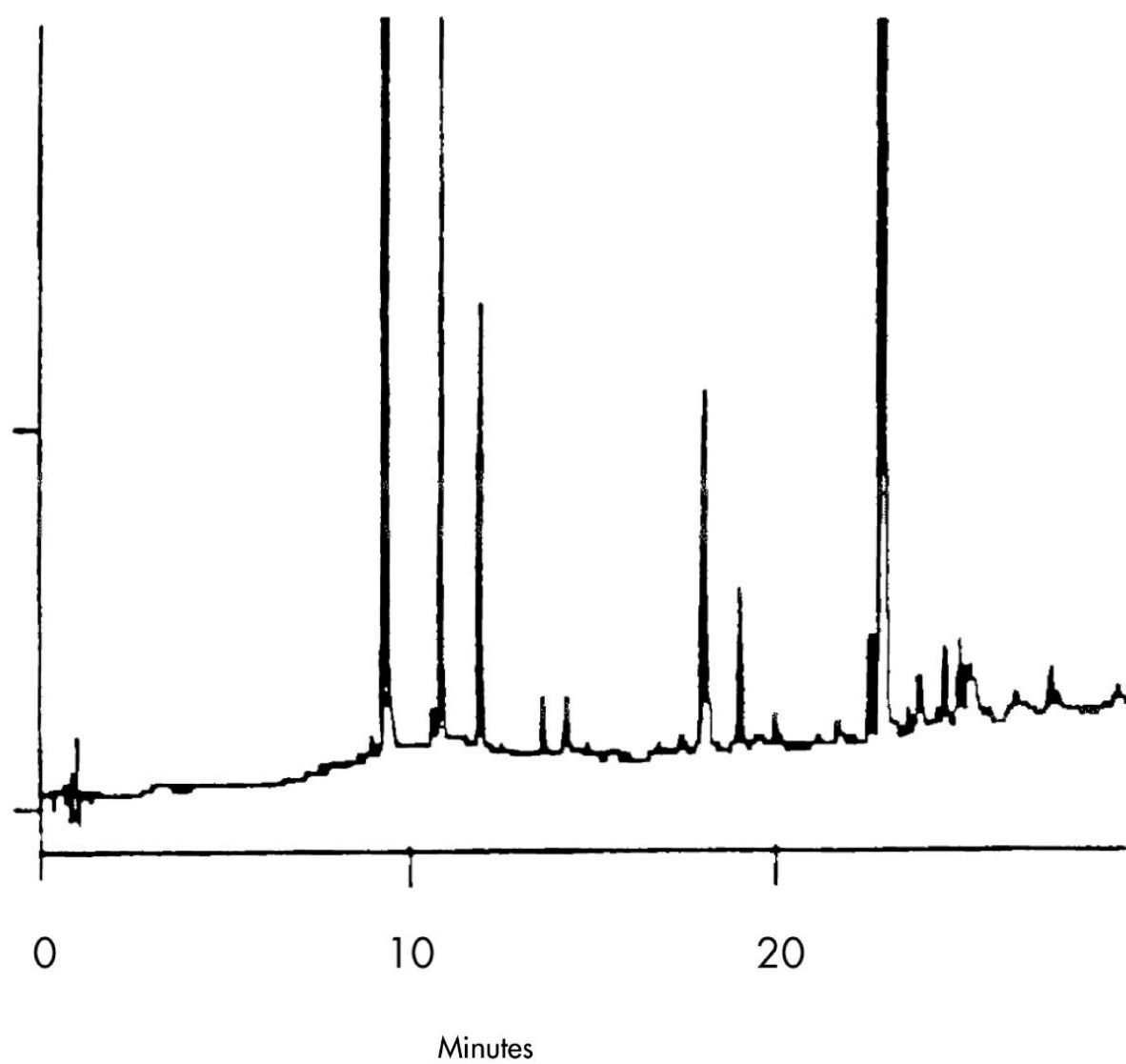
HPLC Method

Column:	SymmetryShield RP ₁₈ , 3.0 x 150 mm, 5 µm (p/n: 186000692)
Mobile phase A:	20 mM potassium phosphate, pH 7.0
Mobile phase B:	Acetonitrile
Flow rate:	1.0 mL/min
Injection volume:	10 µL of 0.5 mg/mL
Detection:	UV @ 254 nm

Gradient

Time (min)	Profile	
	%A	%B
0	95	5
30	20	80

Results and Discussion



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