

Metoprolol Tartrate and Oxprenolol

Waters Corporation



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

Abstract

This application brief demonstrates analysis of Metoprolol Tartrate and Oxprenolol.

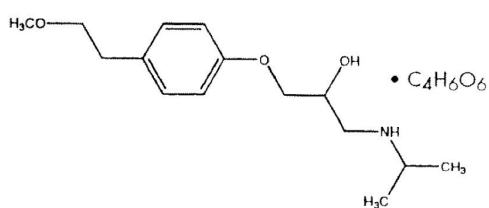
Introduction

The compounds analyzed are - Metoprolol Tartrate and Oxprenolol.

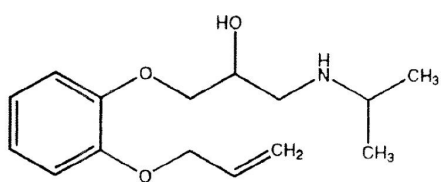
USP Tailing Factors

1. 1.29

2. 1.98



1. Metoprolol tartrate



2. Oxprenolol

Experimental

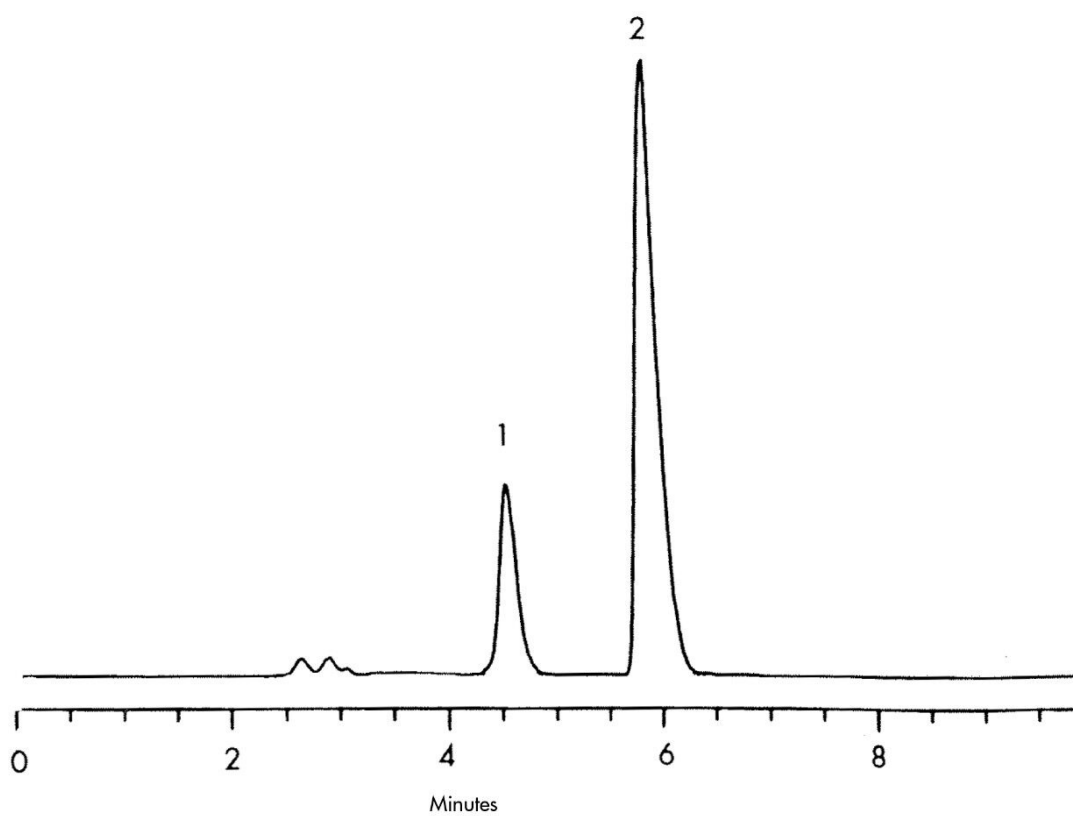
HPLC Method

Column:

Symmetry Shield RP₁₈, 4.6 x 250 mm, 5 μm

Part number:	186000112
Mobile phase:	1.92 g of 1-pentansulfonic acid sodium salt monohydrate, 0.27 g of sodium acetate trihydrate and 1.14 mL glacial acetic acid in 940 mL of water; 54% methanol/46% buffer
Flow rate:	1.0 mL/min
Injection volume:	30 µL
Detection:	UV @ 254 nm

Results and Discussion



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