

アプリケーションノート

Betamethasone

Waters Corporation



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

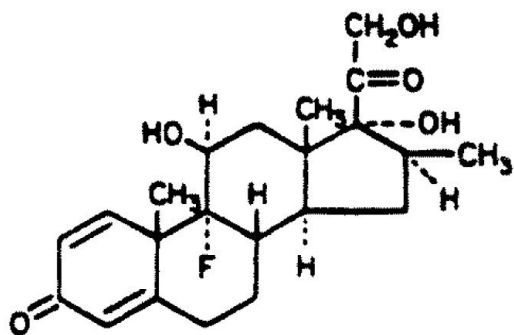
Abstract

This application brief demonstrates analysis of betamethasone.

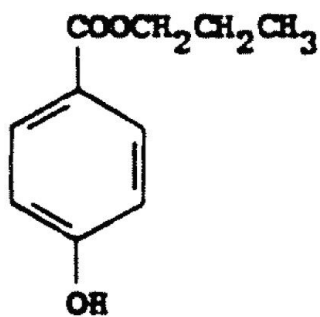
Introduction

The compounds used in this study are –

Compounds	USP Tailing Factors
Betamethasone	1.12
Propylparaben (I.S.)	1.09



1. Betamethasone



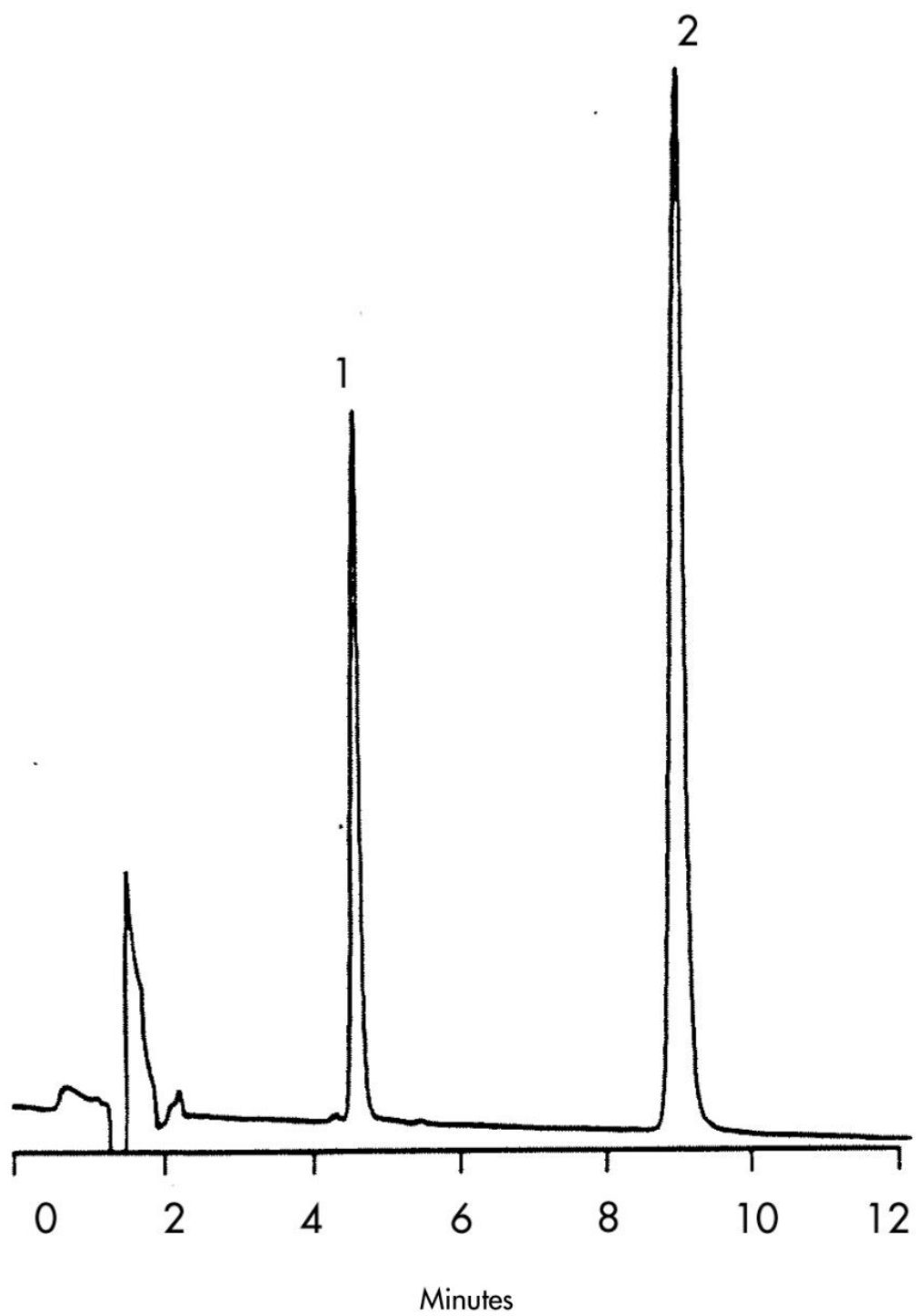
2. Propylparaben
(internal standard)

Experimental

HPLC Method

Column:	Symmetry C ₈ , 3.9 x 150 mm, 5 μm
Guard column:	Sentry Guard Column 3.9 x 20 mm, 5 μm
Part numbers:	Column - WAT046970, Guard - WAT054250
Mobile phase:	Water/acetonitrile/phosphoric acid 63:37:0.1
Flow rate:	1.0 mL/min
Injection volume:	10 μL of 50 μg/mL sample
Detection:	UV @ 254 nm

Results and Discussion



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