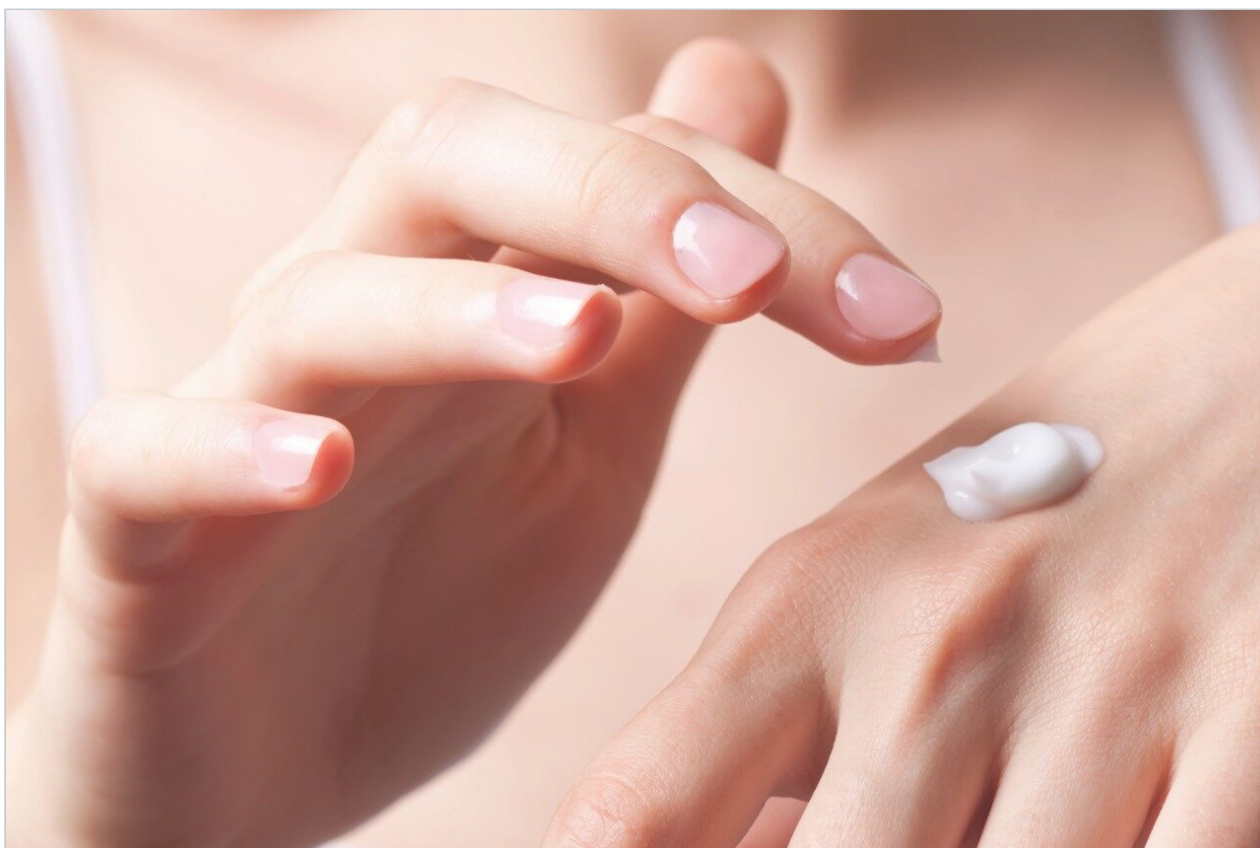


Hydrocortisone and Related Compound

Waters Corporation



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

Abstract

This application brief demonstrates analysis of hydrocortisone and related compound.

Introduction

The compounds used in this study are –

Compounds

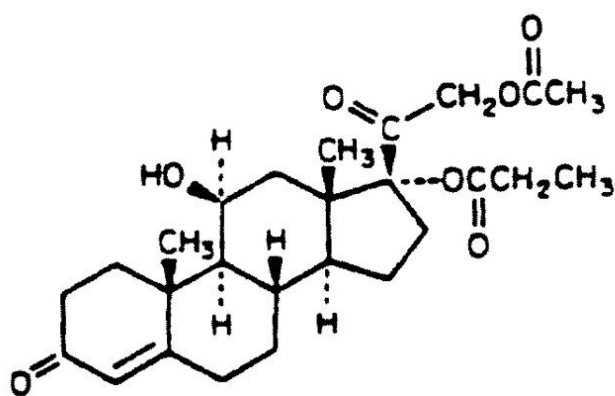
USP Tailing Factors

Hydrocortisone

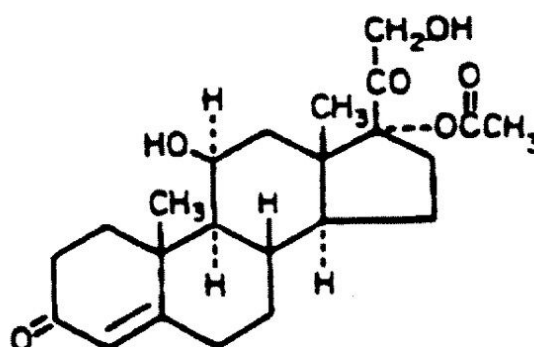
1.1

Hydrocortisone-21-Acetate

1.1



1. Hydrocortisone



2. Hydrocortisone-21-Acetate

Experimental

HPLC Method

Column:

Symmetry C₁₈, 3.9 x 150 mm, 5 µm

Part number:

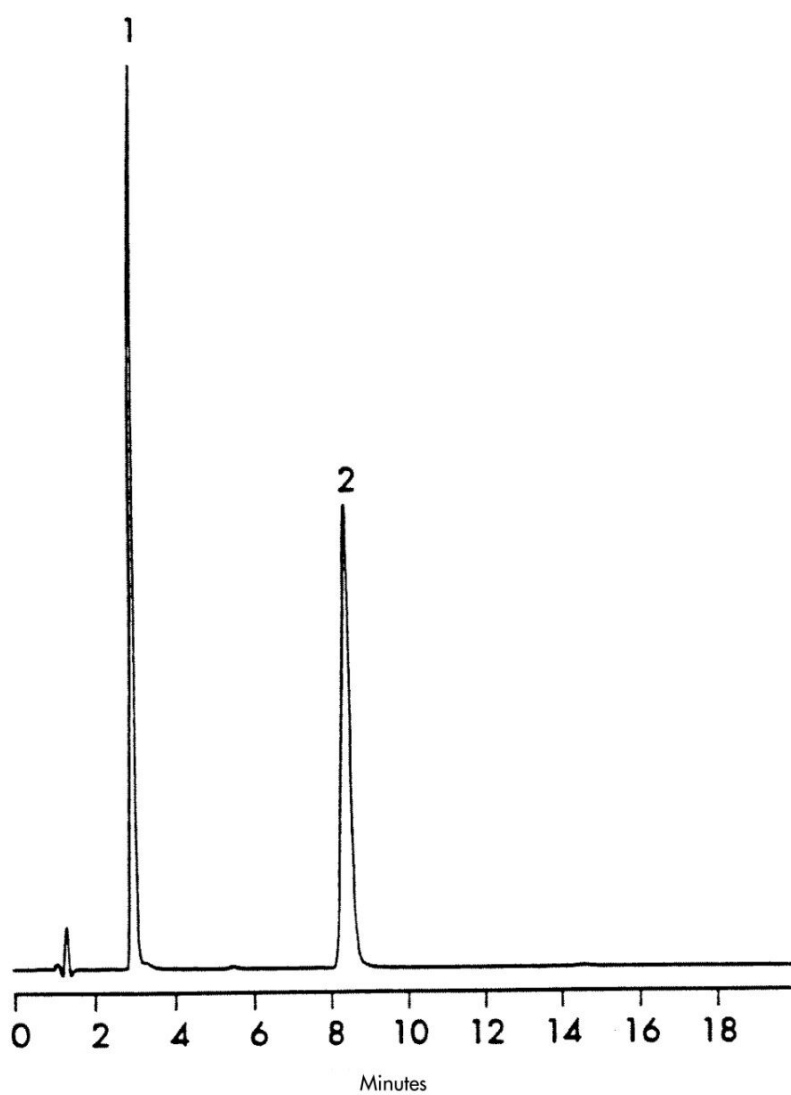
WAT046980

Mobile phase:

Acetonitrile/water 35:65

Flow rate:	1.0 mL/min
Injection volume:	10 μ L of 10 μ g/mL hydrocortisone and 30 μ g/mL hydrocortisone-21-acetate
Detection:	UV @ 254 nm

Results and Discussion



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WA31763.89, June 2003

