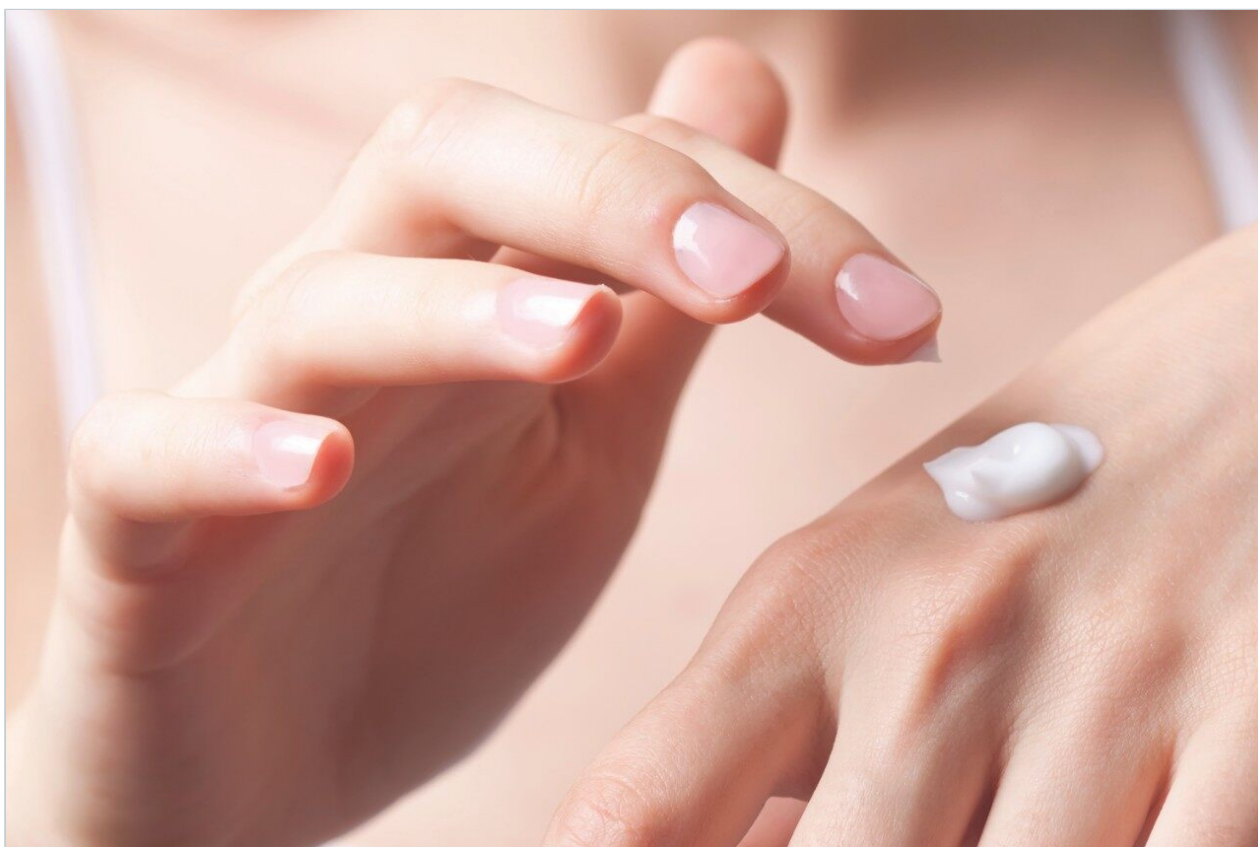


## Hydrocortisone and Related Compound

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Waters Corporation



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

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### Abstract

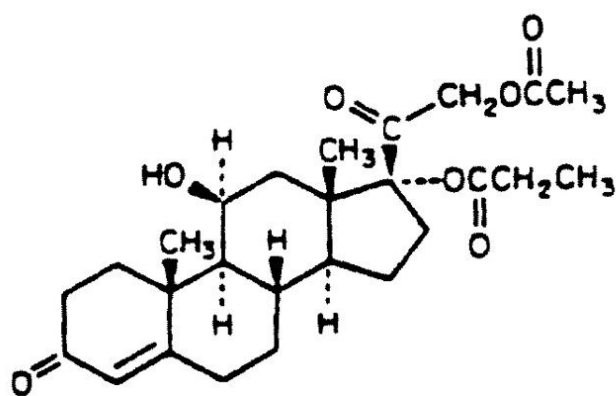
This application brief demonstrates analysis of hydrocortisone and related compound.

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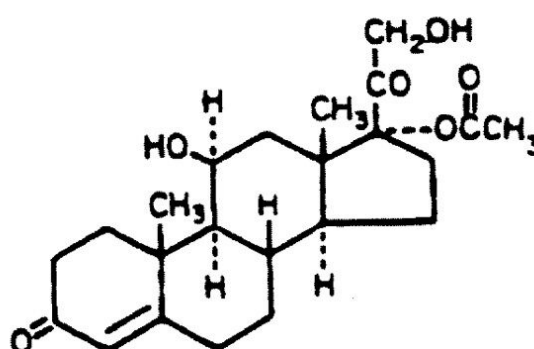
## Introduction

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

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## Experimental

### HPLC Method

Column:	Symmetry C <sub>18</sub> , 3.9 x 150 mm, 5 µm
Part number:	WAT046980
Mobile phase:	Acetonitrile/water 35:65
Flow rate:	1.0 mL/min

Injection volume:

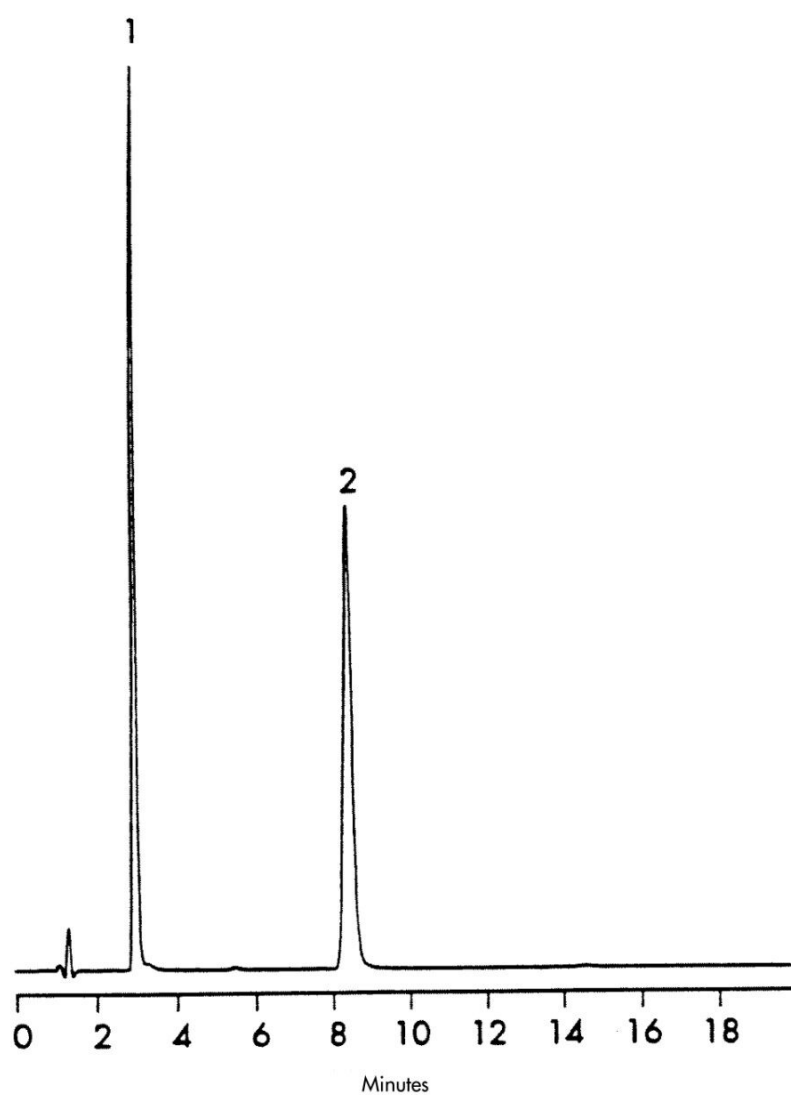
10  $\mu$ L of 10  $\mu$ g/mL hydrocortisone and 30  $\mu$ g/mL hydrocortisone-21-acetate

Detection:

UV @ 254 nm

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## Results and Discussion



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## Featured Products

WA31763.89, June 2003

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