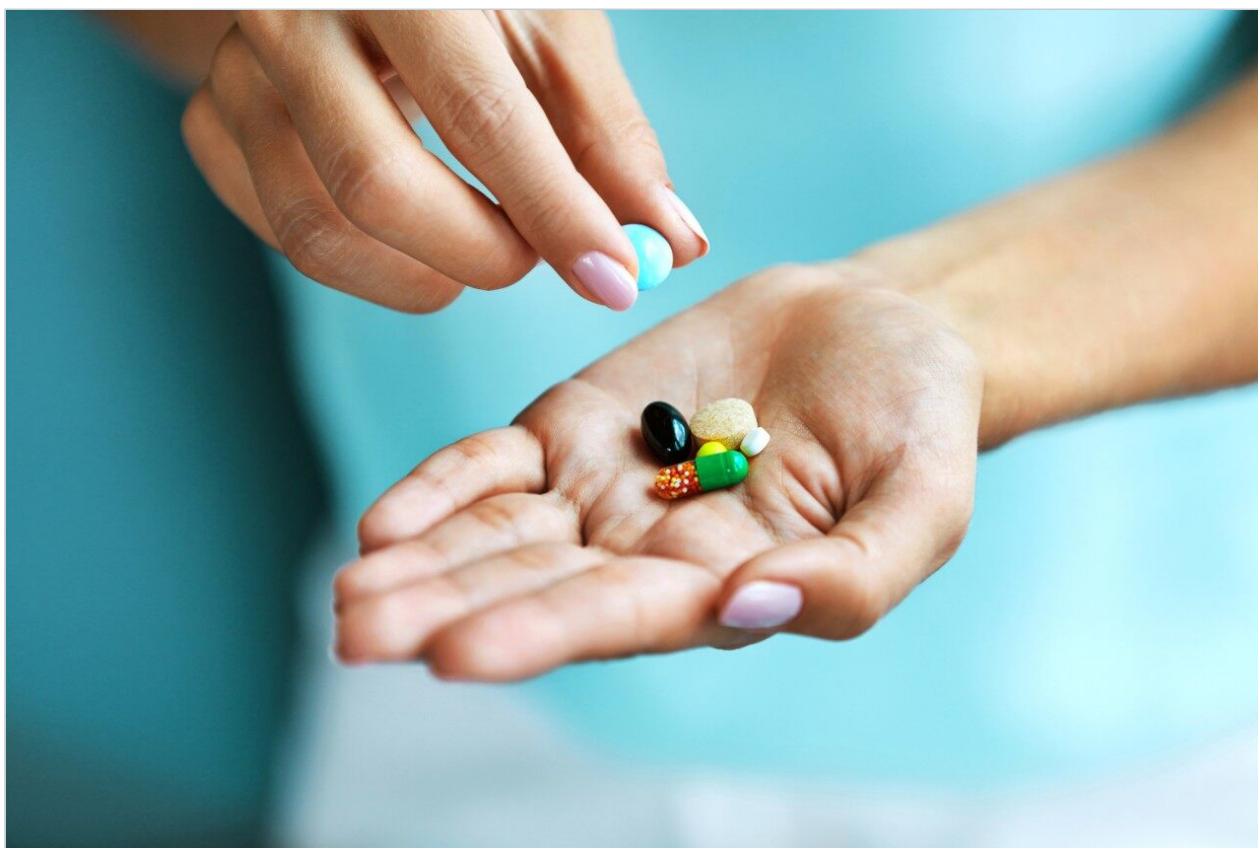


응용 자료

Vitamins- Water-Soluble Folic Acid Mixture

Waters Corporation



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

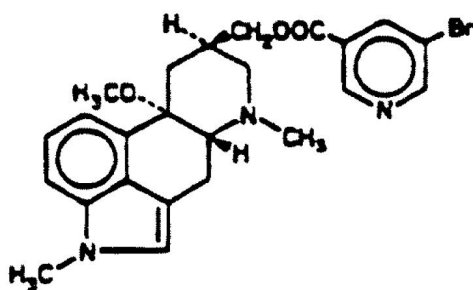
Abstract

This application brief demonstrates analysis of vitamins- water-soluble folic acid mixture.

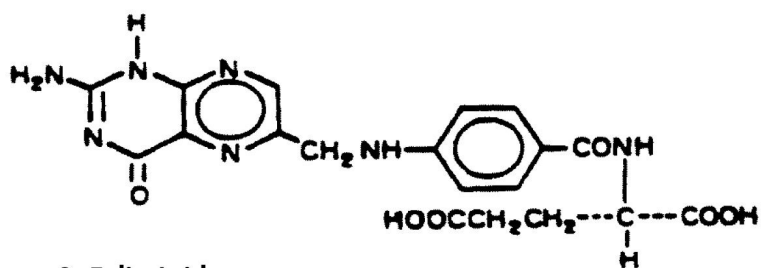
Introduction

The compounds used in this study are –

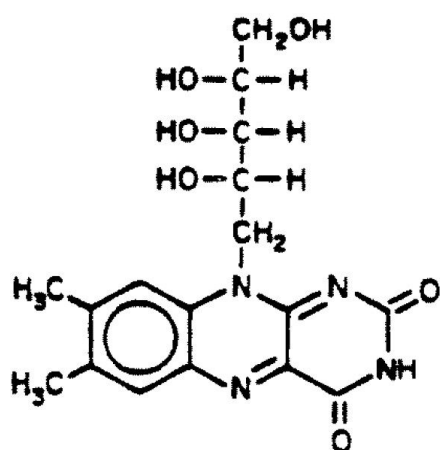
Compounds	USP Tailing Factors
Nicergoline	1.6
Folic Acid	1.4
Riboflavin	1.2
Thiamine Hydrochloride	1.2



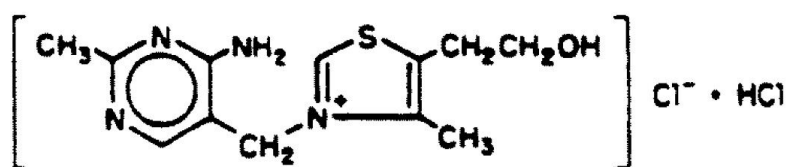
1. Nicergoline



2. Folic Acid



3. Riboflavin



4. Thiamine Hydrochloride

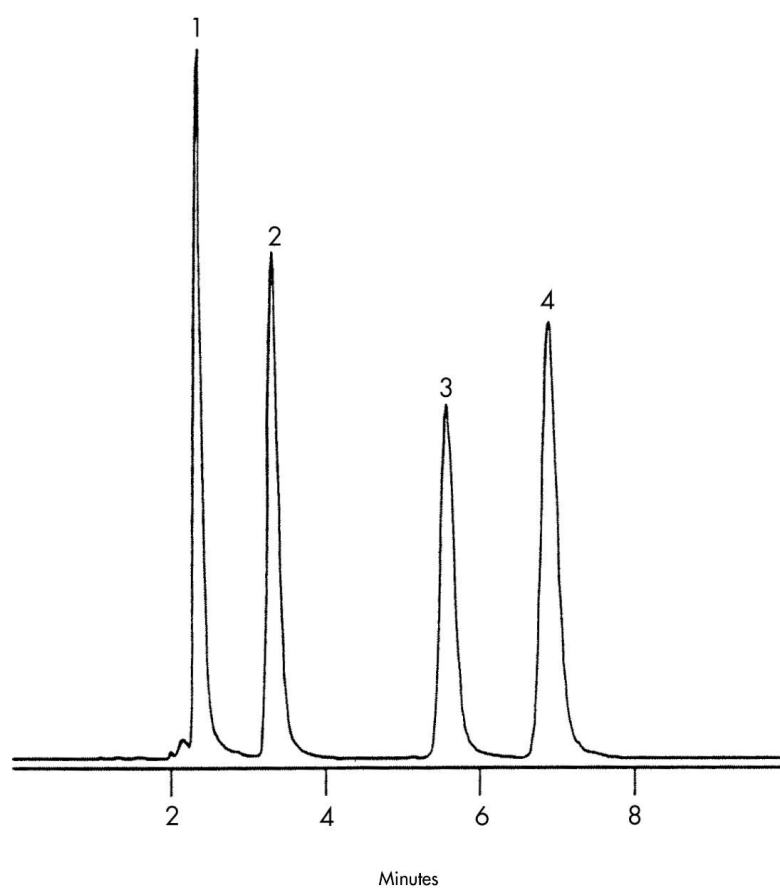
Experimental

HPLC Method

Column:	Symmetry C ₁₈ , 3.9 x 150 mm, 5 μm
Part numbers:	Column - WAT046980, PIC B6 - WAT085140
Mobile phase:	20 mM PIC B6 (hexane sulfonic acid) and 0.1% phosphoric acid, pH 2.2/methanol 75:25

Flow rate:	0.7 mL/min
Injection volume:	10 μ L of mixture with 0.02 to 0.17 mg/mL
Temperature:	40 $^{\circ}$ C
Detection:	UV @ 280 nm

Results and Discussion



Featured Products

WA31763.181, June 2003

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