

## USP Monograph – Metronidazole

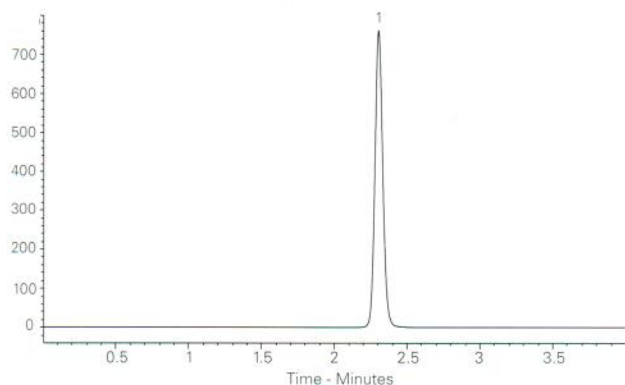
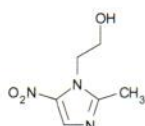
Application #AN1800

### Conditions

**Column:** ACE 3 C8  
**Dimensions:** 75 x 4.6 mm  
**Part Number:** ACE-112-7546  
**Mobile Phase:** H<sub>2</sub>O/MeOH (4:1 v/v)  
**Flow Rate:** 1 mL/min  
**Injection:** 15 µL  
**Temperature:** 30 °C  
**Detection:** UV, 319 nm

### Analyte

1. Metronidazole



Translated method according to USP <621> guidance. Always check the latest and official method information from the relevant pharmacopoeia prior to analysis.

## USP Monograph – Naproxen

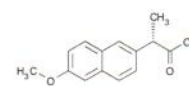
Application #AN1810

### Conditions

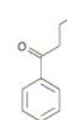
**Column:** ACE UltraCore 2.5 SuperC18  
**Dimensions:** 50 x 3.0 mm  
**Part Number:** CORE-25A-0503U  
**Mobile Phase:** H<sub>2</sub>O with glacial acetic acid (49:1)/MeCN (50:50 v/v)  
**Flow Rate:** 0.51 mL/min  
**Injection:** 2.8 µL  
**Temperature:** Ambient (22 °C)  
**Detection:** UV, 254 nm

### Analytes

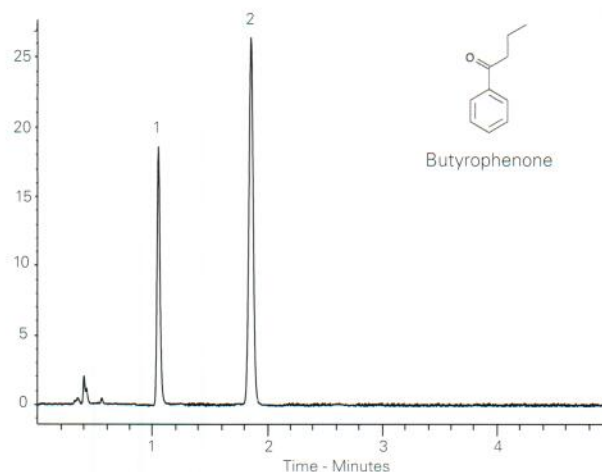
1. Naproxen  
 2. Butyrophenone



Naproxen



Butyrophenone



Translated method according to USP <621> guidance. Always check the latest and official method information from the relevant pharmacopoeia prior to analysis.

## USP Monograph – Paracetamol/Aspirin/Caffeine

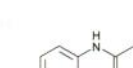
Application #AN1820

### Conditions

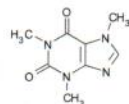
**Column:** ACE UltraCore 2.5 SuperC18  
**Dimensions:** 50 x 4.6 mm  
**Part Number:** CORE-25A-0546  
**Mobile Phase:** H<sub>2</sub>O with glacial acetic acid (69:3)/MeOH (72:28 v/v)  
**Flow Rate:** 2 mL/min  
**Injection:** 2.5 µL  
**Temperature:** 45 °C  
**Detection:** UV, 275 nm

### Analytes

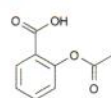
1. Paracetamol  
 2. Caffeine  
 3. Aspirin  
 4. Benzoic acid  
 5. Salicylic acid



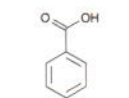
Paracetamol



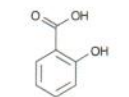
Caffeine



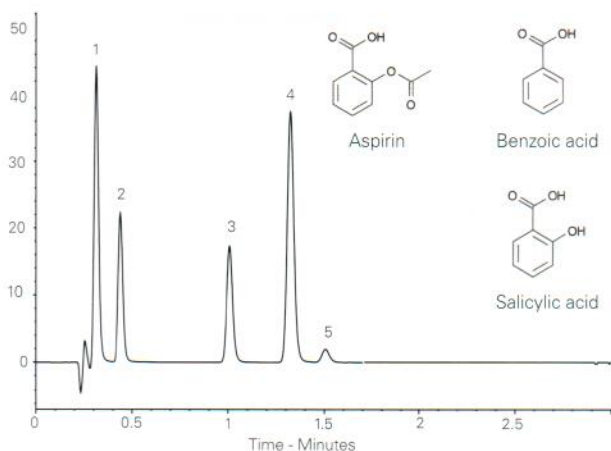
Aspirin



Benzoic acid



Salicylic acid



Translated method according to USP <621> guidance. Always check the latest and official method information from the relevant pharmacopoeia prior to analysis.

## Please enquire for details

available from



**LCC Engineering & Trading GmbH**

Steinbruchstrasse 4, CH-4622 Egerkingen, Switzerland

Tel.: +41 62 398 5271, Fax.: +41 62 398 5274

[info@chemsupply.ch](mailto:info@chemsupply.ch)

[www.chromatographyshop.com](http://www.chromatographyshop.com)

email: [info@ace-hplc.com](mailto:info@ace-hplc.com)