

USP Monograph – Guaifenesin

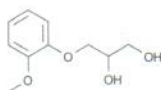
Application #AN1750

Conditions

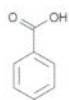
Column: ACE UltraCore 2.5 SuperC18
Dimensions: 50 x 3.0 mm
Part Number: CORE-25A-0503U
Mobile Phase: H₂O/MeOH/Glacial acetic acid (60:40:1.5 v/v/v)
Flow Rate: 0.85 mL/min
Injection: 1.5 µL
Temperature: Ambient (22 °C)
Detection: UV, 276 nm

Analytes

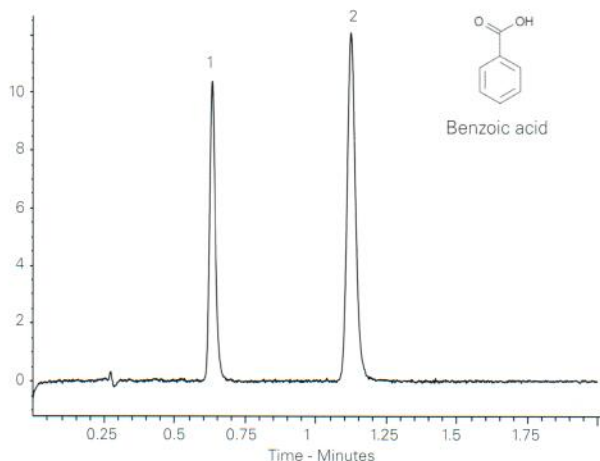
1. Guaifenesin
2. Benzoic acid



Guaifenesin



Benzoic acid



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

USP Monograph – Hydrocortisone

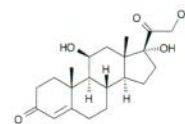
Application #AN1770

Conditions

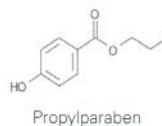
Column: ACE UltraCore 2.5 SuperC18
Dimensions: 100 x 4.6 mm
Part Number: CORE-25A-1046U
Mobile Phase: H₂O/MeCN/MeOH (50:25:25 v/v/v)
Flow Rate: 1 mL/min
Injection: 5.8 µL
Temperature: Ambient (22 °C)
Detection: UV, 254 nm

Analytes

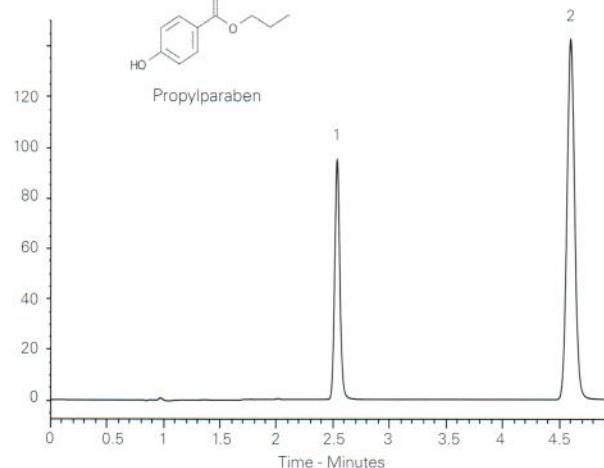
1. Hydrocortisone
2. Propylparaben



Hydrocortisone



Propylparaben



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

USP Monograph – Hydroquinone

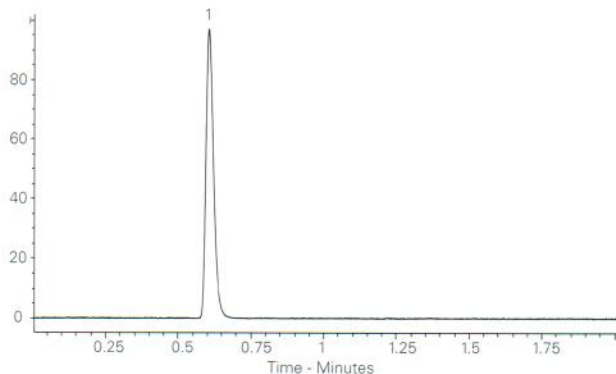
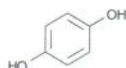
Application #AN1780

Conditions

Column: ACE Excel 2 C18
Dimensions: 50 x 3.0 mm
Part Number: EXL-101-0503U
Mobile Phase: H₂O/MeOH (45:55 v/v)
Flow Rate: 0.45 mL/min
Injection: 0.9 µL
Temperature: Ambient (22 °C)
Detection: UV, 280 nm

Analyte

1. Hydroquinone



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

USP Monograph – Indomethacin

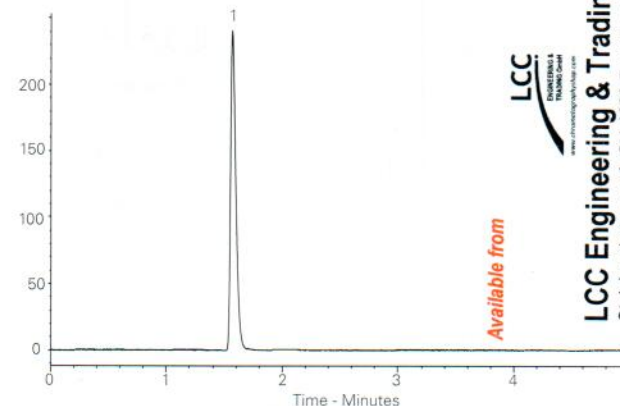
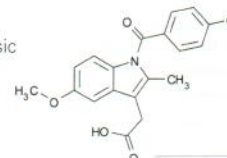
Application #AN1790

Conditions

Column: ACE 5 C18
Dimensions: 150 x 4.6 mm
Part Number: ACE-121-1546
Mobile Phase: 0.01 M monobasic sodium phosphate and 0.01 M dibasic sodium phosphate in MeCN/H₂O (1:1 v/v)
Flow Rate: 1.32 mL/min
Injection: 13 µL
Temperature: Ambient (22 °C)
Detection: UV, 254 nm

Analyte

1. Indomethacin



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