Benzalkonium Chloride - USP Acceptable Modified Method

Column: Luna® 5 µm CN 100 Å, LC Column 150 x 4.6 mm, Ea
Dimensions: 150 x 4.6 mm ID
Order No: 00F-4255-E0
Elution Type: Isocratic
Eluent A: 100mM Sodium acetate pH 5.0
Eluent B: Acetonitrile

Gradient: Isocratic
Profile: 1
Flow Rate: 2 mL/min
Col. Temp.: ambient
Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime. - SecurityGuard Cartridges, CN 4 x 3.0mm, 10/Pk Part No.: AJ0-4305 - Holder Part No.: KJ0-4282

Eluent A: 100mM Sodium acetate pH 5.0
Eluent B: Acetonitrile

<table>
<thead>
<tr>
<th>Gradient Step No.</th>
<th>Time (min)</th>
<th>Pct A</th>
<th>Pct B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>40</td>
<td>60</td>
</tr>
</tbody>
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ANALYTES:
1. Benzalkonium chloride-C12
2. Benzalkonium chloride-C14

Products used in this application:
- SecurityGuard Cartridges, CN 4 x 3.0mm, 10/Pk Part No.: AJ0-4305
- Holder Part No.: KJ0-4282

For more information contact your Phenomenex Representative at info@phenomenex.com

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