Standard solution*1

(0.05 mg/mL Olmesartan medoxomil, 0.025 mg/mL p-Hydroxybenzoic acid isobutyl ester)

<table>
<thead>
<tr>
<th>System suitability requirement</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution (1, 2)</td>
<td>≥4</td>
</tr>
<tr>
<td>Relative standard deviation of the peak area ratio of 1 to 2 (n=6)</td>
<td>≤0.5%</td>
</tr>
</tbody>
</table>

Column: YMC-Triart C18 ExRS (5 µm, 8 nm)

Eluent: phosphate buffer (pH 3.4)*2/acetonitrile (33/17)

*2 Dissolve 2.04 g of KH₂PO₄ in 1000 mL water, adjust pH to 3.4 with a solution of 1.73 g of phosphoric acid in 1000 mL water

Flow rate: 1.2 mL/min
(adjust the flow rate so that the retention time of olmesartan medoxomil is about 16 min)

Temperature: 40°C

Detection: UV at 250 nm

Injection: 10 µL

(The Japanese Pharmacopoeia 16th 2nd supplement; Assay)

*1 Standard solution was prepared from Olmesartan medoxomil supplied as a reagent for laboratory use.
Standard solution*1
(0.04 mg/mL Olmesartan medoxomil, 0.01 mg/mL p-Hydroxybenzoic acid isobutyl ester)

<table>
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<tr>
<th>System suitability requirement</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution (1, 2)</td>
<td>≥4</td>
</tr>
<tr>
<td>Relative standard deviation of the peak area ratio of 1 to 2 (n=6)</td>
<td>≤1.0%</td>
</tr>
</tbody>
</table>

Column : YMC-Triart C18 ExRS (5 µm, 8 nm)
150 X 4.6 mml.D.

Eluent : phosphate buffer (pH 3.4)*2/acetonitrile (33/17)

*2 Dissolve 2.04 g of KH₂PO₄ in 1000 mL water, adjust pH to 3.4 with a solution of 1.73 g of phosphoric acid in 1000 mL water

Flow rate : 1.2 mL/min
(adjust the flow rate so that the retention time of olmesartan medoxomil is about 16 min)

Temperature : 40°C

Detection : UV at 250 nm

Injection : 10 µL

(The Japanese Pharmacopoeia 16th 2nd supplement; Assay)

*1 Standard solution was prepared from Olmesartan medoxomil supplied as a reagent for laboratory use.
Standard solution*1
(0.05 mg/mL Olmesartan medoxomil, 0.025 mg/mL \( p \)-Hydroxybenzoic acid isobutyl ester)

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</tr>
</thead>
<tbody>
<tr>
<td>Resolution (1, 2)</td>
<td>( \geq 4 )</td>
</tr>
<tr>
<td>Relative standard deviation of the peak area ratio of 1 to 2 (n=5)</td>
<td>( \leq 0.5% )</td>
</tr>
</tbody>
</table>

Column: YMC-Triart C18 ExRS (5 \( \mu \)m, 8 nm)
150 X 4.6 mm I.D.
Eluent: 15 mM KH\(_2\)PO\(_4\) buffer (pH 3.4)*2/acetonitrile (33/17)
*2 Adjust pH to 3.4 with 0.2\% (w/v) phosphoric acid
Flow rate: 1.0 mL/min
Temperature: 40°C
Detection: UV at 250 nm
Injection: 10 \( \mu \)L

*1 Standard solution was prepared from Olmesartan medoxomil supplied as a reagent for laboratory use.