



	System suitability requirement	Result
Theoretical plate number (Telmisartan)	≥ 45000	56100
Tailing factor (Telmisartan)	≤ 1.2	1.06
Relative standard deviation of the peak area (Telmisartan)	$\leq 5.0\%$	0.62%

Column : YMC-Triart C18 (5 μ m, 12 nm)
125 X 4.0 mm I.D.

Eluent : A) buffer (pH 3.0)*²
B) acetonitrile/methanol (4 / 1)
30-80%B (0-25 min)

*² Dissolve 2.0 g of KH_2PO_4 and 3.4 g of sodium 1-pentanesulfonate in 1000 mL water, adjust pH 3.0 with H_3PO_4 (1 \rightarrow 10)

Flow rate : 1.0 mL/min

Temperature : 40°C

Detection : UV at 230 nm

Injection : 2 μ L

(The draft for the Japanese Pharmacopoeia 16th; Related compounds)

*¹ Standard and Test solutions were prepared from Telmisartan supplied as a reagent for laboratory use.