

フェキソフェナジン塩酸塩 (日本薬局方記載条件)

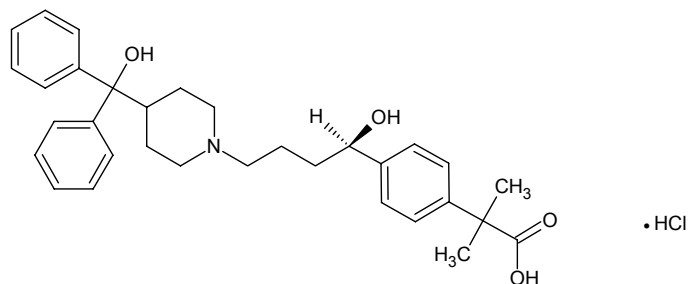
Fexofenadine Hydrochloride (The Japanese Pharmacopoeia)

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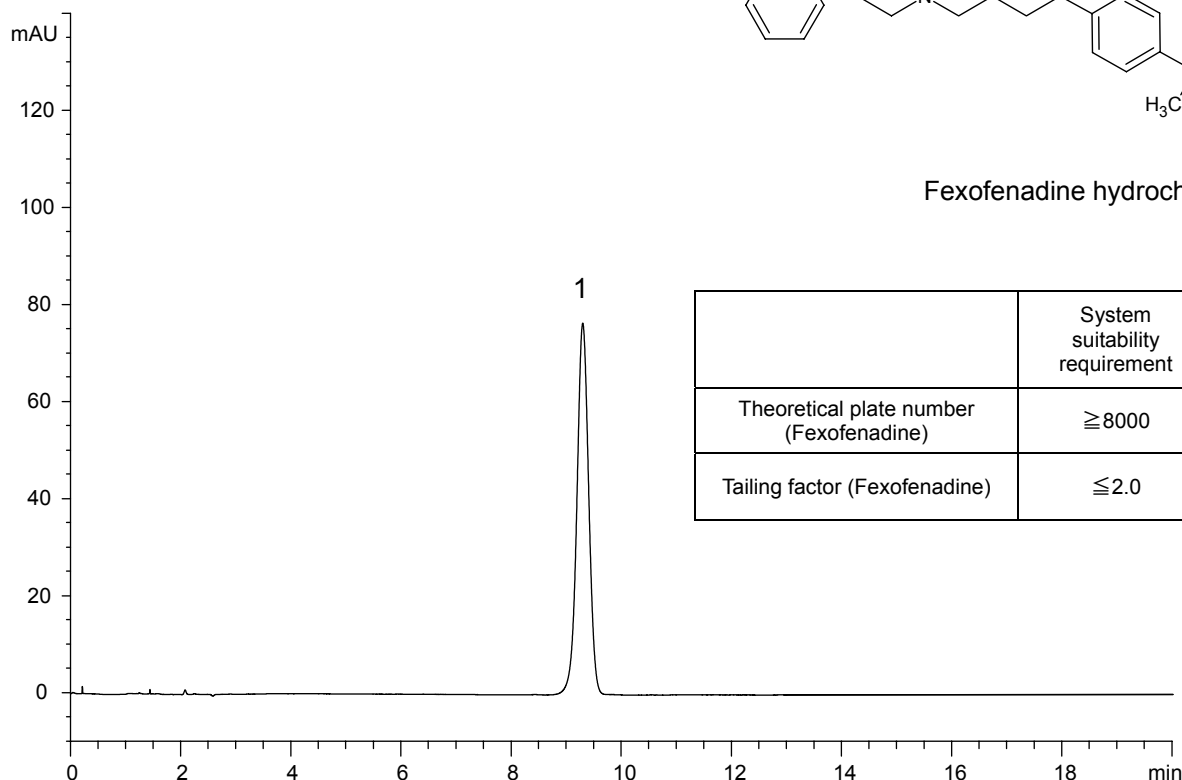
Standard solution*1

(0.06 mg/mL)

1



Fexofenadine hydrochloride



	System suitability requirement	result
Theoretical plate number (Fexofenadine)	≥ 8000	9500
Tailing factor (Fexofenadine)	≤ 2.0	0.98

Column : YMC-Triart Phenyl (5 μ m, 12 nm)
250 X 4.6 mmI.D.

Eluent : acetonitrile/buffer*2/triethylamine (350/650/3)
*2 Dissolve 7.51 g of $\text{NaH}_2\text{PO}_4 \cdot 2\text{H}_2\text{O}$ and 0.96 g of $\text{NaClO}_4 \cdot \text{H}_2\text{O}$ in 1000 mL water, adjust pH 2.0 with H_3PO_4

Flow rate : 2.0 mL/min (adjust the flow rate so that the retention time of fexofenadine is about 9 min)

Temperature : 25°C

Detection : UV at 220 nm

Injection : 20 μ L

(The Japanese Pharmacopoeia 16th; Assay)

*1 Standard solution was prepared from Fexofenadine hydrochloride supplied as a reagent for laboratory use.