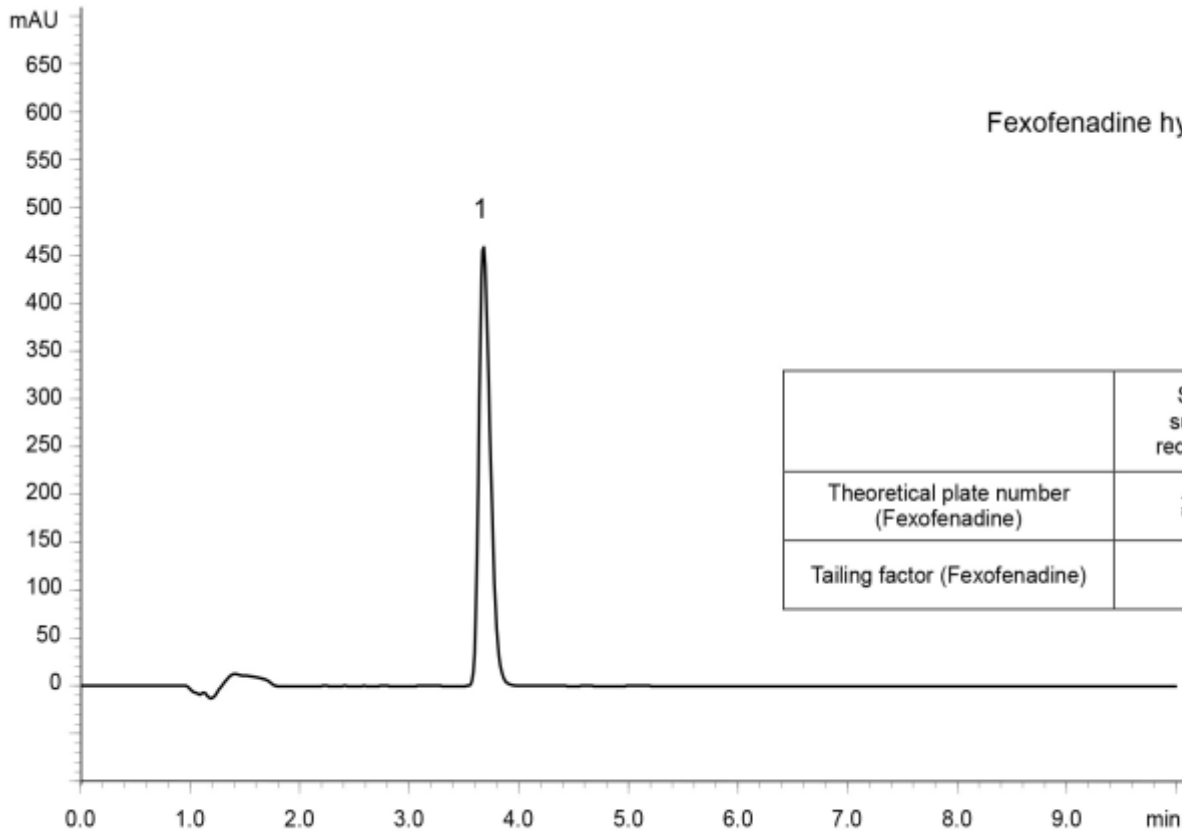
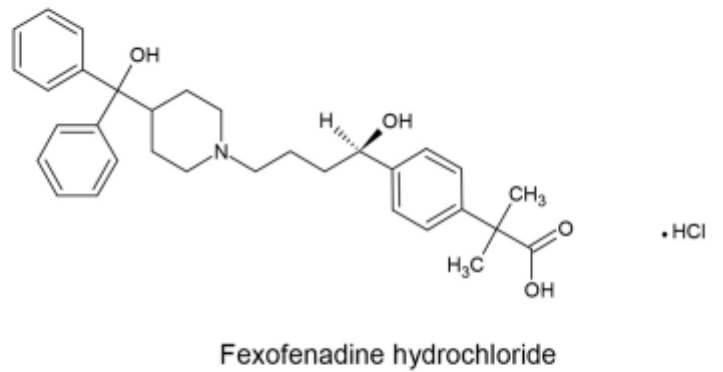


1



	System suitability requirement	result
Theoretical plate number (Fexofenadine)	$\geq 3000$	5800
Tailing factor (Fexofenadine)	$\leq 2.0$	1.45

Column : YMC-Triart C18 (5  $\mu\text{m}$ , 12 nm)  
100 X 4.6 mm I.D.

Eluent : acetonitrile/buffer\* (50/50)  
\*Dissolve 1.1 g of  $\text{NaH}_2\text{PO}_4 \cdot 2\text{H}_2\text{O}$ , 0.57 g of  $\text{NaClO}_4 \cdot \text{H}_2\text{O}$  and 0.3 mL of  $\text{H}_3\text{PO}_4$  in 300 mL water.

Flow rate : 0.8 mL/min (adjust the flow rate so that the retention time of fexofenadine is about 3.5 min)

Temperature : 25°C

Detection : UV at 220 nm

Injection : 50  $\mu\text{L}$  (0.03 mg/mL)

(Modified conditions of the draft for The Japanese Pharmacopoeia 16th; Dissolution)