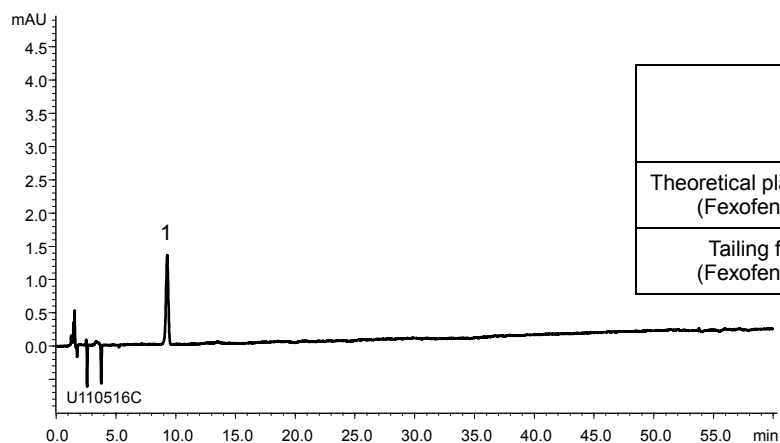


フェキソフェナジン塩酸塩  
Fexofenadine Hydrochloride

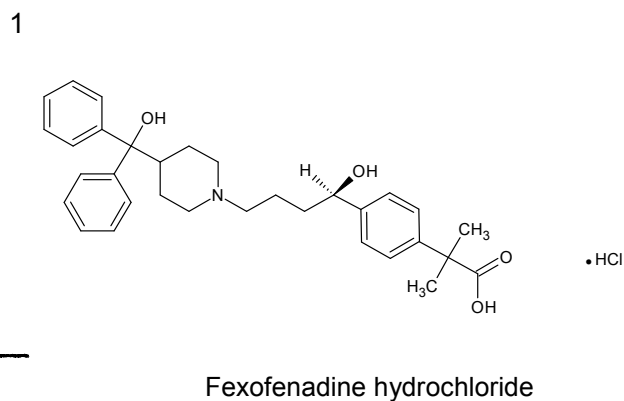
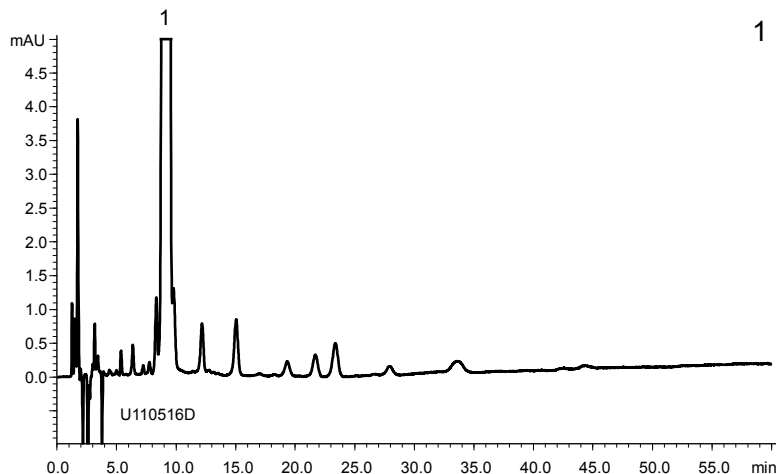
U110518A

A) Standard solution  
(0.001 mg/mL Fexofenadine hydrochloride)



	System suitability requirement	result
Theoretical plate number (Fexofenadine)	$\geq 8000$	11400
Tailing factor (Fexofenadine)	$\leq 2.0$	0.96

B) Sample solution  
(1 mg/mL Fexofenadine hydrochloride)



Column : YMC-CSpack Ph (5  $\mu$ m, 12 nm)  
250 X 4.6 mm I.D.

Eluent : acetonitrile/buffer\*/triethylamine (350/650/3)  
\*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  $\text{H}_3\text{PO}_4$ .

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  $\mu$ L

(The Japanese Pharmacopoeia 16th; Related substances)