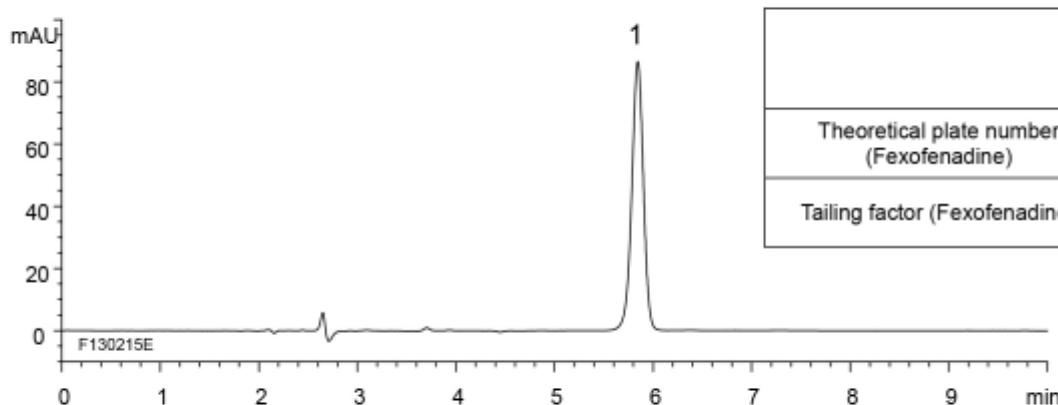


### A) Standard solution<sup>\*1</sup>

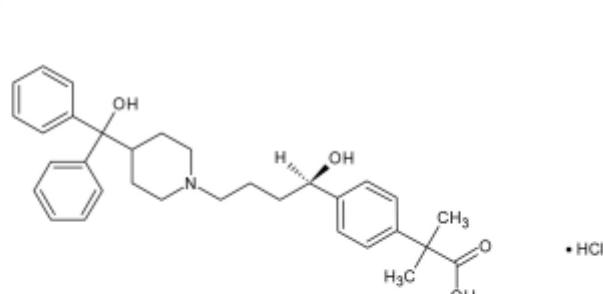
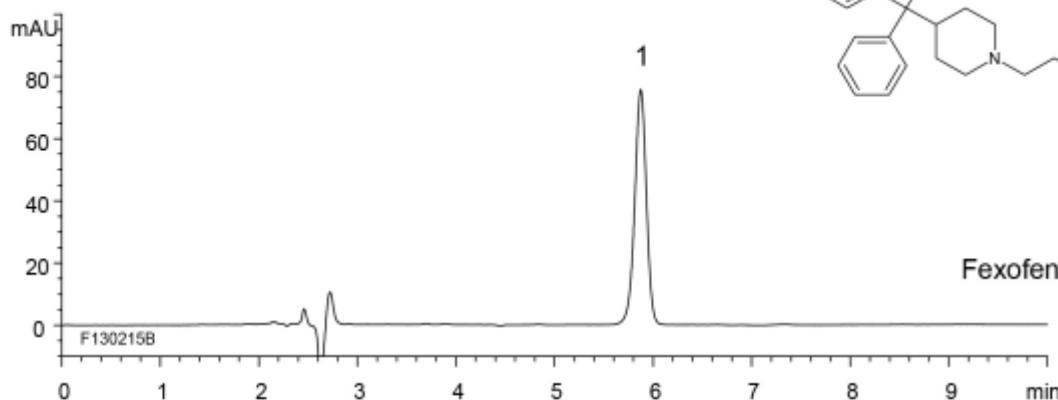
(0.018 mg/mL Fexofenadine hydrochloride)



	System suitability requirement	result
Theoretical plate number (Fexofenadine)	≥7000	12400
Tailing factor (Fexofenadine)	≤2.0	0.95

### B) Sample solution<sup>\*2</sup>

(0.018 mg/mL Fexofenadine hydrochloride)



Fexofenadine hydrochloride

Column	: YMC-Triart Phenyl (5 µm, 12 nm) 250 X 4.6 mmI.D.
Eluent	: acetonitrile/buffer <sup>*3</sup> (9/16) <sup>*3</sup> Add 15 mL of acetonitrile/triethylamine (1/1) to 1000 mL of acetic acid/water (17/9983), adjust pH 5.25 with H <sub>3</sub> PO <sub>4</sub>
Flow rate	: 1.1 mL/min (adjust the flow rate so that the retention time of fexofenadine is about 6 min)
Temperature	: 35°C
Detection	: UV at 220 nm
Injection	: 20 µL

(The Japanese Pharmacopoeia 16th Supplement I ; Assay)

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

\*2 Sample solution was prepared from Fexofenadine hydrochloride tablets.