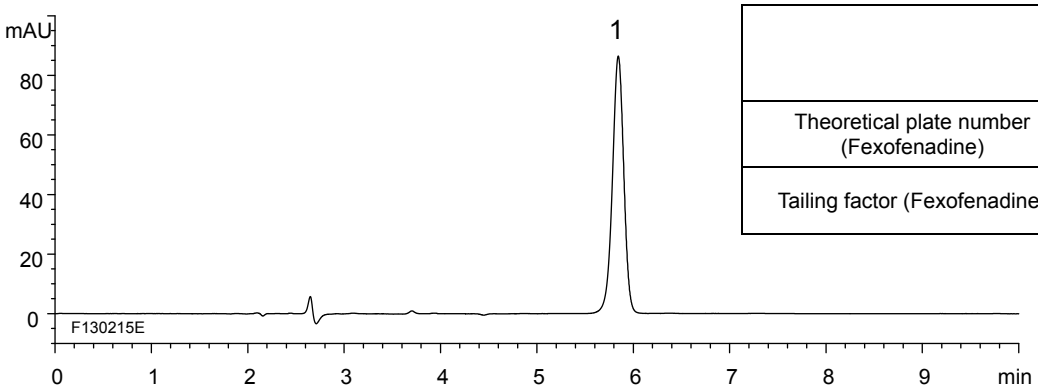
HPLC DATA SHEET

フェキソフェナジン塩酸塩錠（日本薬局方記載条件）
Fexofenadine Hydrochloride Tablets　(The Japanese Pharmacopoeia)

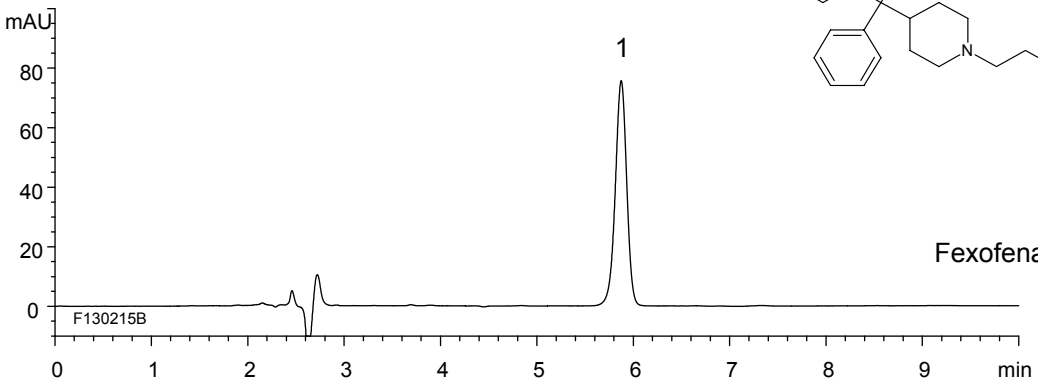
F130218C

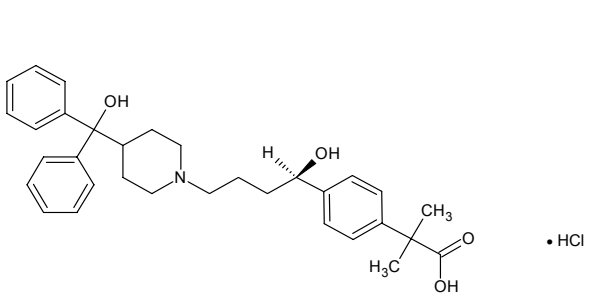
A) Standard solution*1
(0.018 mg/mL Fexofenadine hydrochloride)



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

B) Sample solution*2
(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*3 (9/16)
	*3 *Add 15 mL of acetonitrile/triethylamine (1/1) to 1000 mL of acetic acid/water (17/9983), adjust pH 5.25 with H_3PO_4*
Flow rate	: 1.1 mL/min *(adjust the flow rate so that the retention time of fexofenadine is about 6 min)*
Temperature	: 35℃
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.