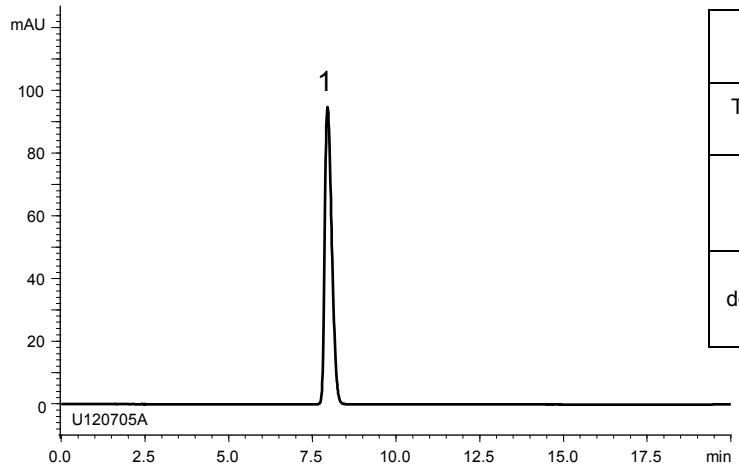
HPLC DATA SHEET

オロパタジン塩酸塩点眼薬（米国薬局方記載条件）

Olopatadine hydrochloride ophthalmic solution (The United States Pharmacopeia)

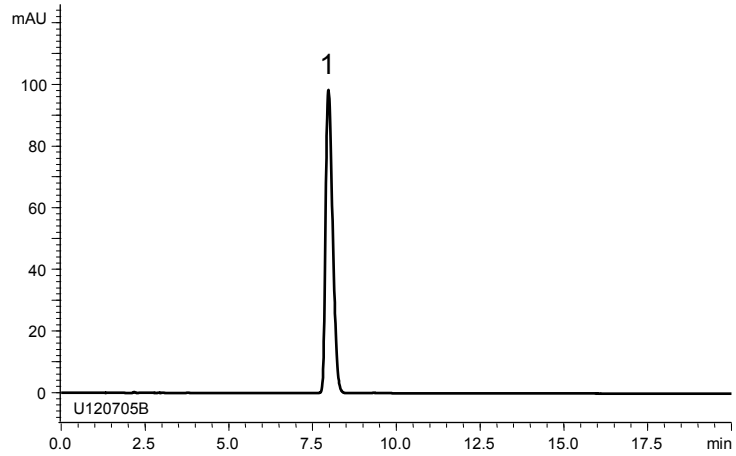
U120706C

A) Standard solution*1
(0.1 mg/mL Olopatadine HCl)



	System suitability requirement	Result
Theoretical plate number (Olopatadine)	≧2000	6700
Tailing factor (Olopatadine)	≦2.0	1.43
Relative standard deviation of the peak area (Olopatadine)	≦2.0%	0.26%

B) Sample solution*1
(0.1 mg/mL Olopatadine HCl)



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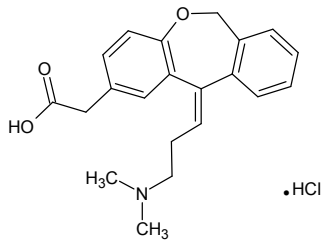

Olopatadine hydrochloride

Column	: YMC-Triart C8 (5 μm, 12 nm) 150 X 4.6 mmI.D.
Eluent	: phosphate buffer (pH 3.0)*2/acetonitrile (18/7)
Flow rate	: 1.0 mL/min
Temperature	: 25℃
Detection	: UV at 299 nm
Injection	: 30 μL

*2 *Dissolve 13.6 g of KH_2PO_4 in 1000 mL of water, add 1 mL triethylamine, adjust pH 3.0 with H_3PO_4*

(The United States Pharmacopeia 34th; Assay)

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