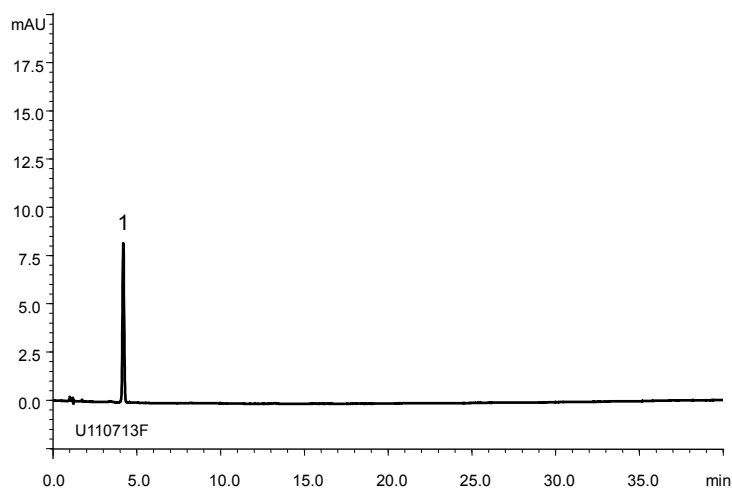


カルベジロール
Carvedilol

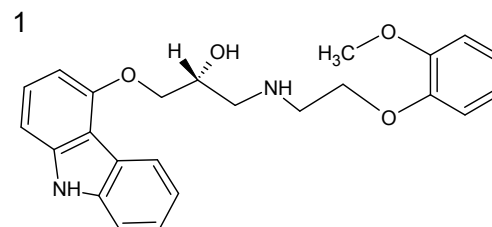
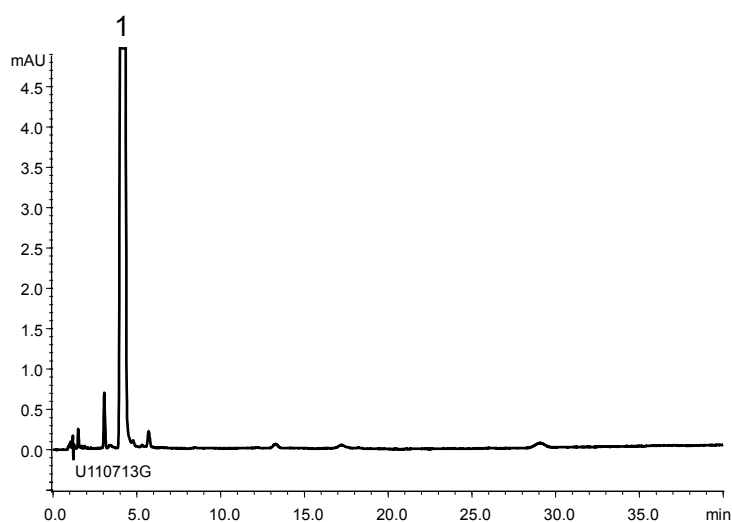
U110730A

A) Standard solution
(0.00065 mg/mL Carvedilol)



	System suitability requirement	result
Theoretical plate number (Carvedilol)	≥ 6000	8800
Tailing factor (Carvedilol)	≤ 1.5	1.11

B) Sample solution
(0.065 mg/mL Carvedilol)



Carvedilol

Column : YMC-Triart C8 (5 μ m, 12 nm)
150 X 4.6 mm I.D.

Eluent : phosphate buffer (pH 2.0)* / acetonitrile (65/35)
*Dissolve 2.72 g of KH_2PO_4 in 900 mL water, adjust pH 2.0 with H_3PO_4 and add water to make 1000 mL

Flow rate : 1.4 mL/min (adjust the flow rate so that the retention time of carvedilol is about 4 min)

Temperature : 55°C

Detection : UV at 240 nm

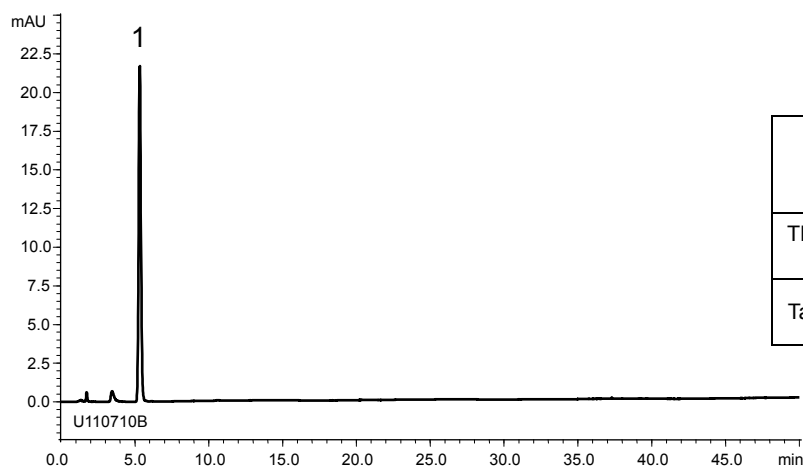
Injection : 20 μ L

(The Japanese Pharmacopoeia 16th; Related substances)

カルベジロール錠
Carvedilol tablets

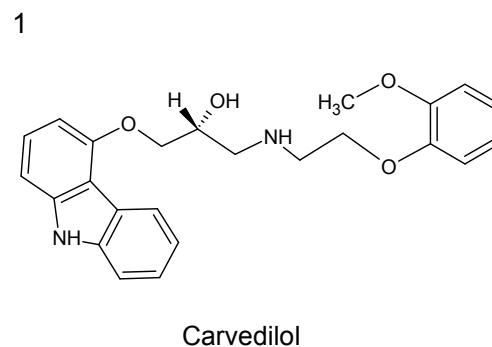
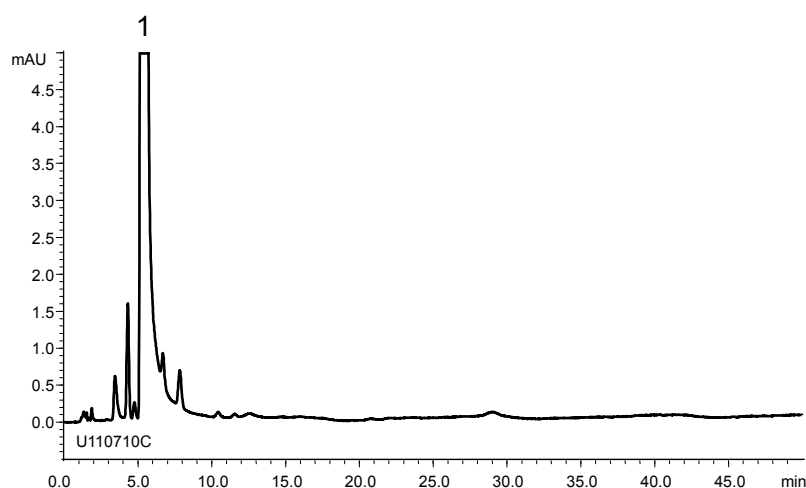
U110721A

A) Standard solution
(0.00125 mg/mL Carvedilol)



	System suitability requirement	result
Theoretical plate number (Carvedilol)	≥ 3000	5500
Tailing factor (Carvedilol)	≤ 2.0	1.14

B) Sample solution
(0.125 mg/mL Carvedilol)



Column : YMC-Triart C18 (5 μ m, 12 nm)
150 X 4.6 mm I.D.

Eluent : 20 mM KH₂PO₄-K₂HPO₄ (pH 5.0)/methanol (45/55)

Flow rate : 1.2 mL/min (*adjust the flow rate so that the retention time of carvedilol is about 5 min*)

Temperature : 40°C

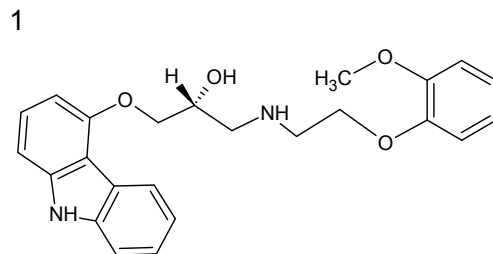
Detection : UV at 240 nm

Injection : 50 μ L

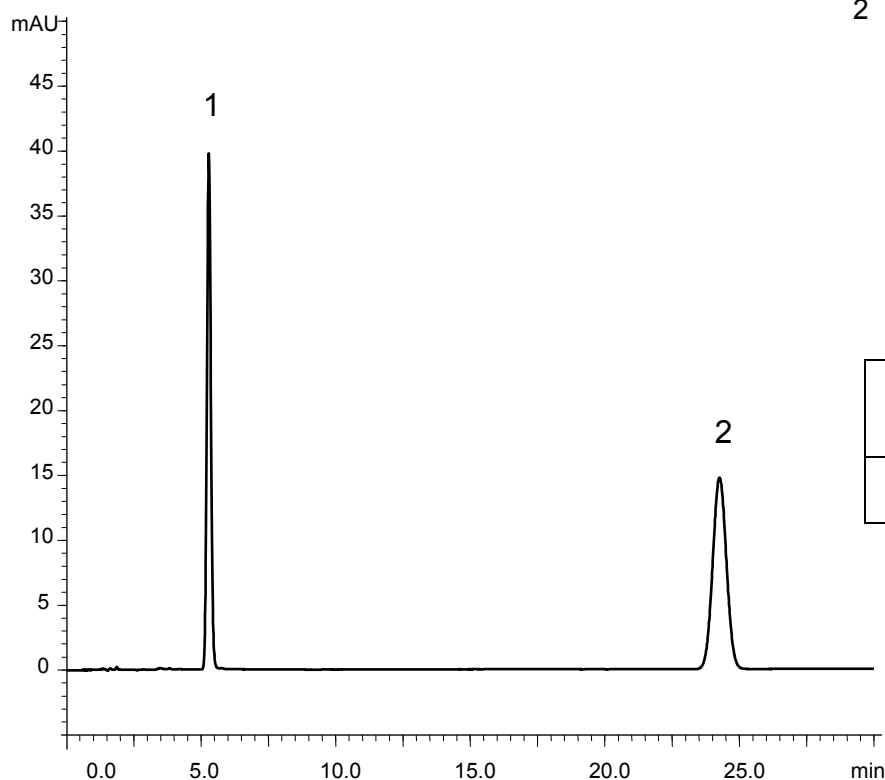
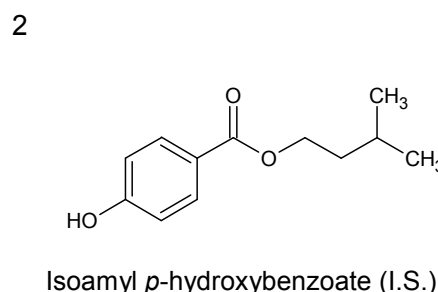
(The Japanese Pharmacopoeia 16th; Related substances)

カルベジロール錠
Carvedilol Tablets

U110710A



Carvedilol



	System suitability requirement	result
Resolution (1, 2)	≥20	31.2

Column : YMC-Triart C18 (5 μm, 12 nm)
150 X 4.6 mm I.D.

Eluent : 20 mM KH₂PO₄-K₂HPO₄ (pH 5.0)/methanol (45/55)

Flow rate : 1.2 mL/min (*adjust the flow rate so that the retention time of carvedilol is about 5 min*)

Temperature : 40°C

Detection : UV at 240 nm

Injection : 10 μL (0.01, 0.029 mg/mL)

(The Japanese Pharmacopoeia 16th; Assay)