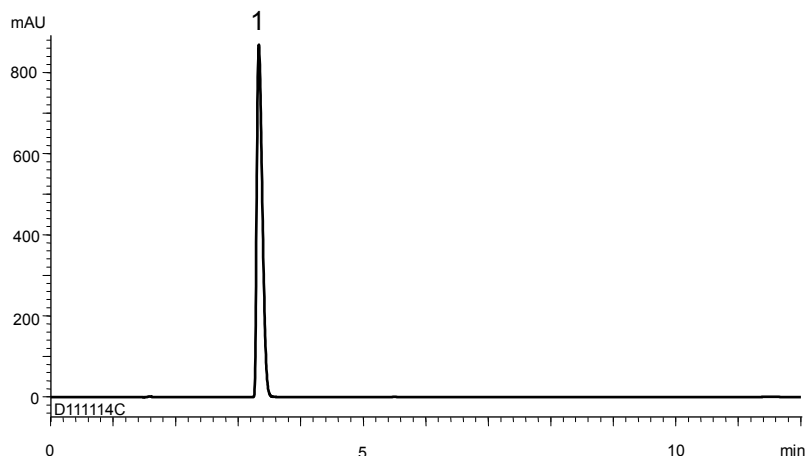


ロサルタンカリウム錠 (米国薬局方記載条件)

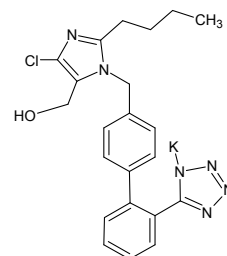
Losartan potassium tablets (The United States Pharmacopeia)

D111229B

(A) Assay: Standard solution*¹ (0.25 mg/mL Losartan potassium)



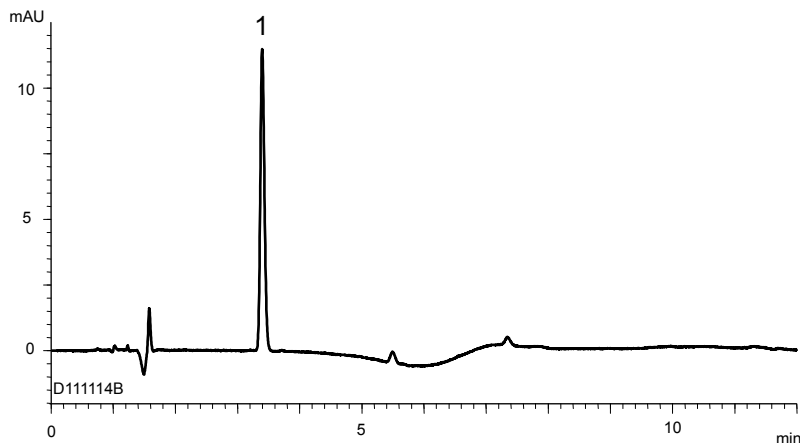
1



Losartan Potassium

	System suitability requirement	Result
Theoretical plate number (Losartan potassium)	≥ 3000	6300
Tailing factor (Losartan potassium)	≤ 2.0	1.59

(B) Impurities: Standard solution*¹ (0.0025 mg/mL Losartan potassium)



	System suitability requirement	Result
Theoretical plate number (Losartan potassium)	≥ 3000	12200
Tailing factor (Losartan potassium)	≤ 2.0	1.18
Relative standard deviation of the peak area (Losartan potassium)	$\leq 5.0\%$	0.60%

Column : YMC-Triart C8 (5 μ m, 12 nm)
150 X 4.0 mm I.D.

Eluent : A) phosphate buffer (pH 6.7)*²/acetonitrile (85/15)
B) acetonitrile
20-60%B (0-10 min)

*² Dissolve 1.25 g of KH_2PO_4 and 2.01 g $\text{Na}_2\text{HPO}_4 \cdot 12\text{H}_2\text{O}$ in 1000 mL of water

Flow rate : 1.0 mL/min

Temperature : 25°C

Detection : UV at 250 nm

Injection : 10 μ L

(The United States Pharmacopeia 34th)

*¹ Standard solutions were prepared from Losartan potassium supplied as a reagent for laboratory use.