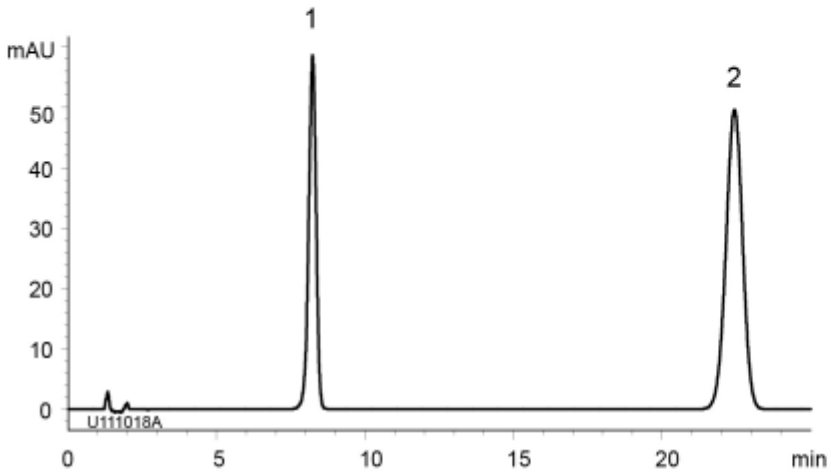
Omeprazole

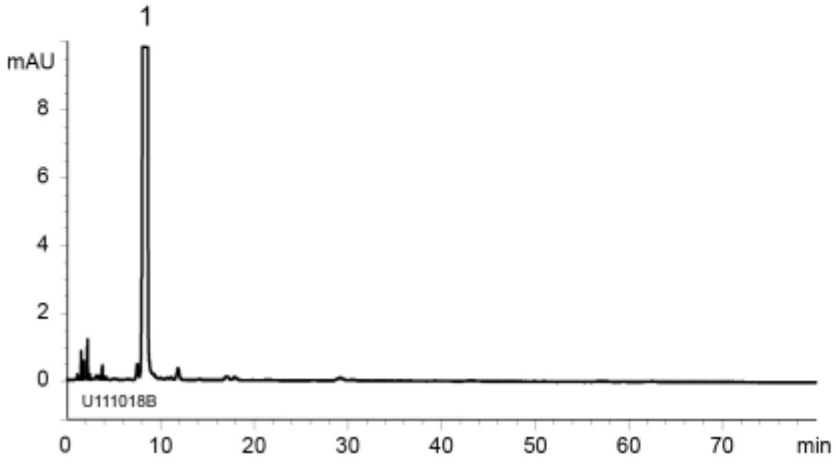
U111029A

A) System performance (0.1 mg/mL Omeprazole, 0.25 mg/mL 1,2-Dinitrobenzene)

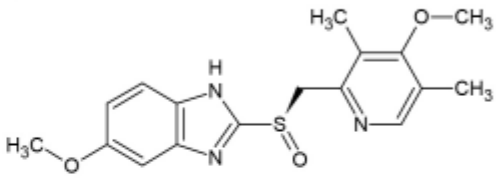


	System suitability requirement	result
Resolution (1, 2)	≧10	19.1

B) Sample solution (1.0 mg/mL Omeprazole)

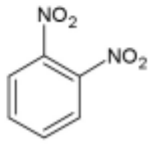


1



Omeprazole

2



1,2-Dinitrobenzene (I.S.)

Column : YMC-Triart C8 (5 μm, 12 nm)
150 X 4.6 mmI.D.

Eluent : phosphate buffer (pH 7.6)*/acetonitrile (29/11)
**Dissolve 2.83 g of $Na_2HPO_4 \cdot 12H_2O$ and 0.21 g of $NaH_2PO_4 \cdot 2H_2O$ in 1000 mL water, adjust pH 7.6 with H_3PO_4 (1→100)*

Flow rate : 1.25 mL/min *(adjust the flow rate so that the retention time of omeprazole is about 8 min)*

Temperature : 25°C

Detection : UV at 280 nm

Injection : 10 μL

(The Japanese Pharmacopoeia 16th; Related substances)