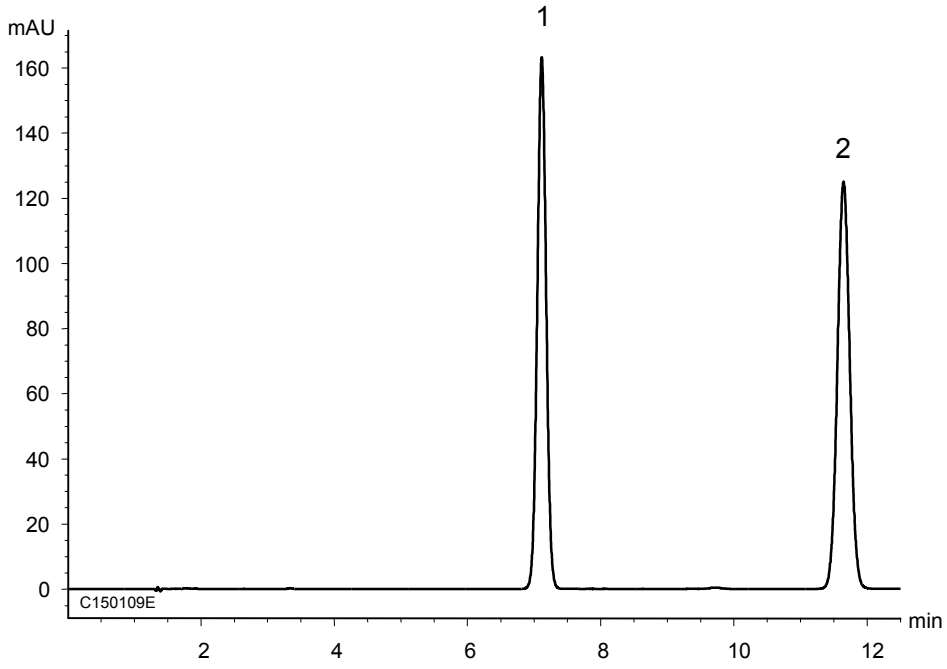
HPLC DATA SHEET

ランソプラゾール（日本薬局方収載原案記載条件）
Lansoprazole (The draft for the Japanese Pharmacopoeia)

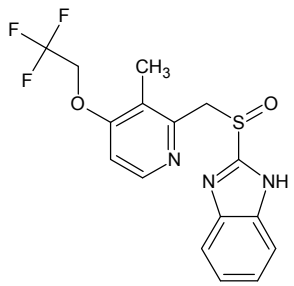
C150109E

	System suitability requirement	Result
Resolution (1, 2)	≧10	15.5
Relative standard deviation of the peak area ratio of 1 to 2 (n=6)	≦1.0%	0.10%

Standard solution[*1]
(0.1 mg/mL Lansoprazole,
0.05 mg/mL 4'-Ethoxyacetophenone)

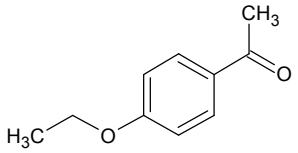


1



Lansoprazole

2



4'-Ethoxyacetophenone (I.S.)

Column	: YMC-Triart C18 (5 µm, 12 nm) 250 X 4.6 mmI.D.
Eluent	: acetonitrile/water/TEA[*2] (40/60/1) *adjusted to pH 7.0 with phosphoric acid*
Flow rate	: 1.5 mL/min *(adjust the flow rate so that the retention time of Lansoprazole is about 7 min)*
Temperature	: 25℃
Detection	: UV at 285 nm
Injection	: 10 µL

(The draft for the Japanese Pharmacopoeia; Assay)

[*1] Standard solution was prepared from Lansoprazole supplied as a reagent for laboratory use.

[*2] triethylamine