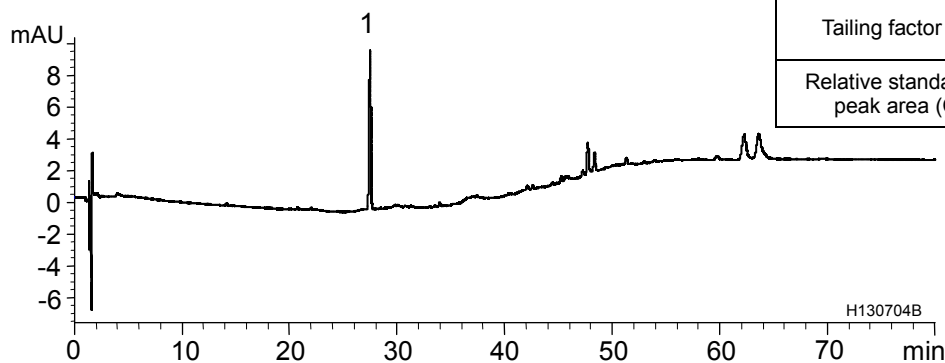


クロピドグレル硫酸塩（日本薬局方原案記載条件）

Clopidogrel Sulfate (The draft for the Japanese Pharmacopoeia) H130704D

(A) Standard solution*¹

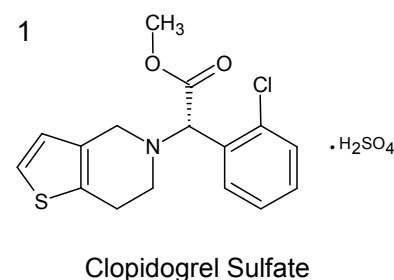
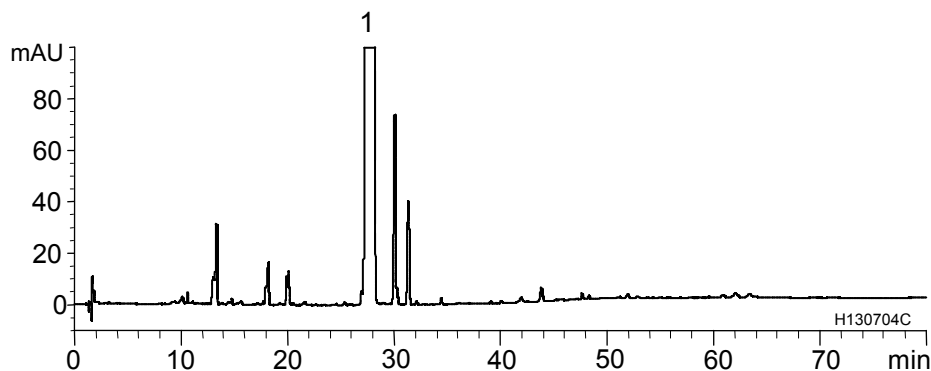
(6.5 µg/mL Clopidogrel sulfate)



	System suitability requirement	Result
Theoretical plate number (Clopidogrel)	≥60000	155300
Tailing factor (Clopidogrel)	≤2.0	0.97
Relative standard deviation of peak area (Clopidogrel)	≤2.0%	0.30

(B) Sample solution*¹

(6.5 mg/mL Clopidogrel sulfate)



Column : YMC-Pack Pro C18 (5 µm, 12 nm)
150 X 4.0 mmI.D.

Eluent : A) buffer*²/methanol (19/1)
B) acetonitrile/methanol (19/1)
*² Dissolve 0.87 g of sodium 1-pentanesulfonate in 1000 mL water, adjust pH 2.5 with H₃PO₄
10.5%B (0-3 min), 10.5-68.5%B (3-48 min), 68.5%B (48-68 min)

Flow rate : 1.0 mL/min

Temperature : 30°C

Detection : UV at 220 nm

Injection : 10 µL

(The draft for the Japanese Pharmacopoeia; Related substances)

*¹ All standard and sample solutions were prepared from Clopidogrel sulfate supplied as a reagent for laboratory use.