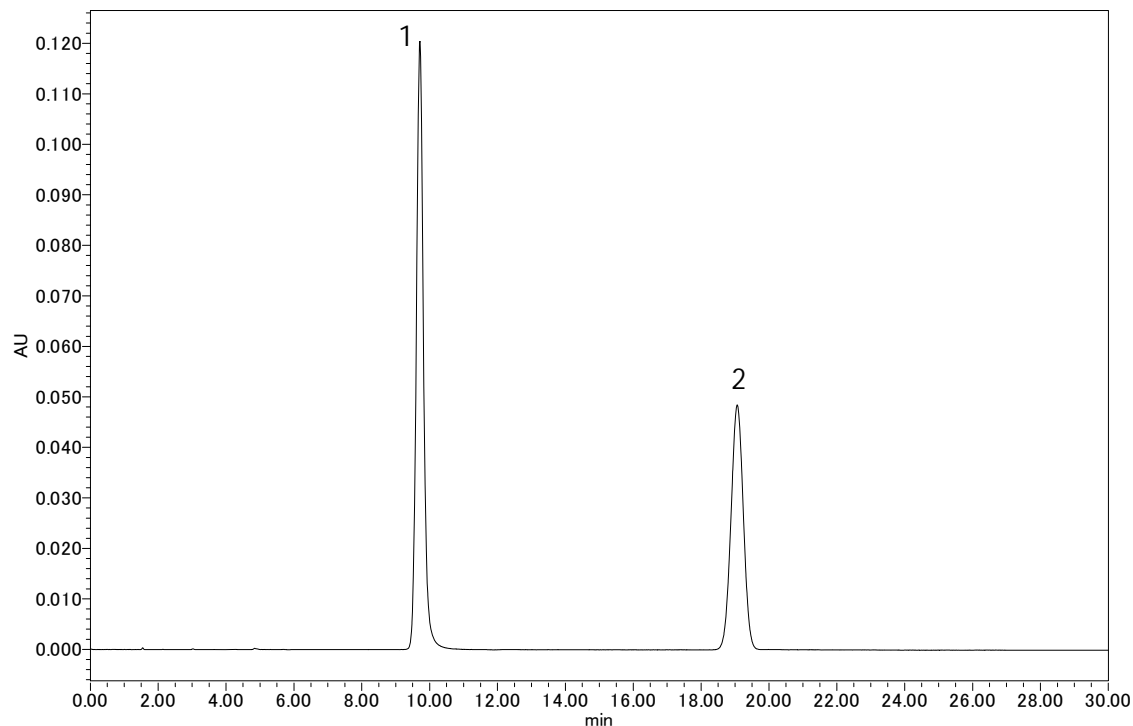


# Develosil Application Data

## No.093 JP:Metformin Hydrochloride

### /日本薬局方 メトホルミン塩酸塩錠 定量法



#### Conditions:

Column : Develosil HSR AQ C18,5um (4.6x150mm)  
Mobile phase : Dissolve 0.8g of sodium lauryl sulfate in 620mL of diluted phosphoric acid (1 : 2500) and add 380mL of Acetonitrile.  
Flow rate : 1.0mL/min  
Temperature : 40  
Detection : UV235nm  
Sample : 1. Metformin HCl  
          2. p-Hydroxybenzoic acid iso-butyl ester  
Injection volume : 5.0uL  
System : Waters alliance

Resolution (1.2) = **18.1** ( 6)

RSD o the peak area ratio of 1 to 2 (%) (n= 6) = **0.29** ( 1.0)

