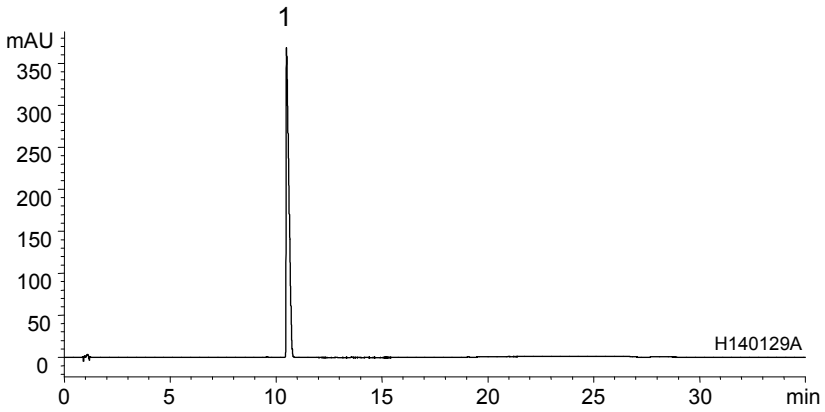
HPLC DATA SHEET

アリピプラゾール (米国薬局方記載条件)
Aripiprazole (The United States Pharmacopeia)

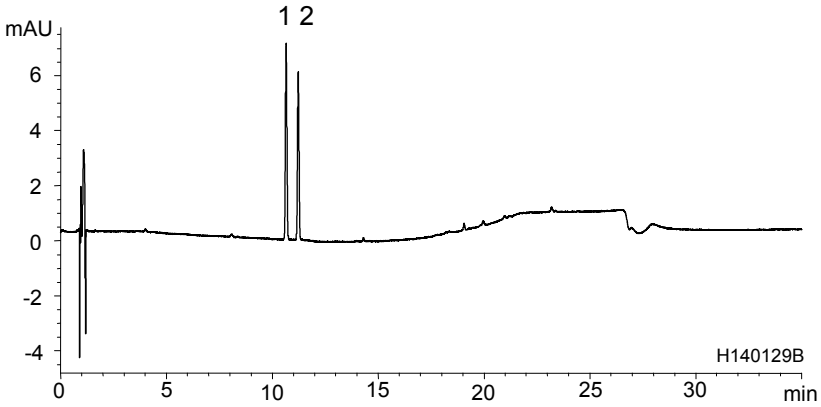
H140204A

(A) Standard solution[*1], Sample solution[*1]
(0.1 mg/mL Aripiprazole)



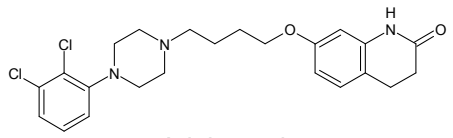
	System suitability requirement	Result
Relative standard deviation of the peak area (Aripiprazole)	≦1.0%	0.13%

(B) System suitability solution[*1]
(1.0 μg/mL Aripiprazole, 1.0 μg/mL Aripirazole related compound F)



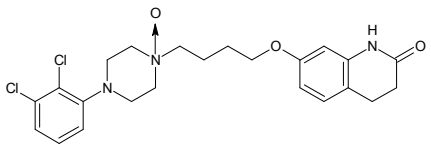
	System suitability requirement	Result
Tailing factor (Aripiprazole)	≦1.5	1.03
Resolution (1,2)	≧2.0	4.49

1



Aripiprazole

2



Aripiprazole related compound F

Column	: YMC-Pack ODS-A (3 μm, 12 nm) 100 X 4.6 mmI.D.
Eluent	: A) acetonitrile/0.05 % TFA (10/90) B) acetonitrile/0.05 % TFA (90/10) 20%B (0-2 min), 20-35%B (2-10 min), 35-90%B (10-20 min), 90%B (20-25 min), 90-20%B (25-26 min), 20%B (26-35 min)
Flow rate	: 1.2 mL/min
Temperature	: 25℃
Detection	: UV at 254 nm
Injection	: 20 μL

(The United States Pharmacopeia 36th; Assay, Impurities)

*1 All solutions were prepared from aripiprazole and aripiprazole related compound F supplied as a reagent for laboratory use.