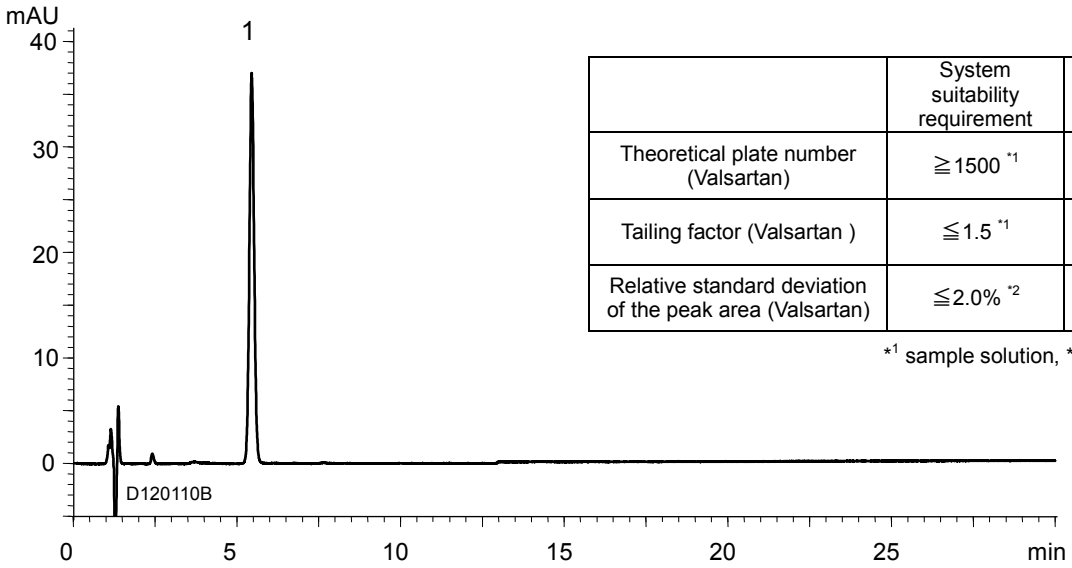
YMC SEPARATION TECHNOLOGY

HPLC DATA SHEET

バルサルタン（日本薬局方収載原案記載条件）
Valsartan (The draft for the Japanese Pharmacopoeia)

D120110D

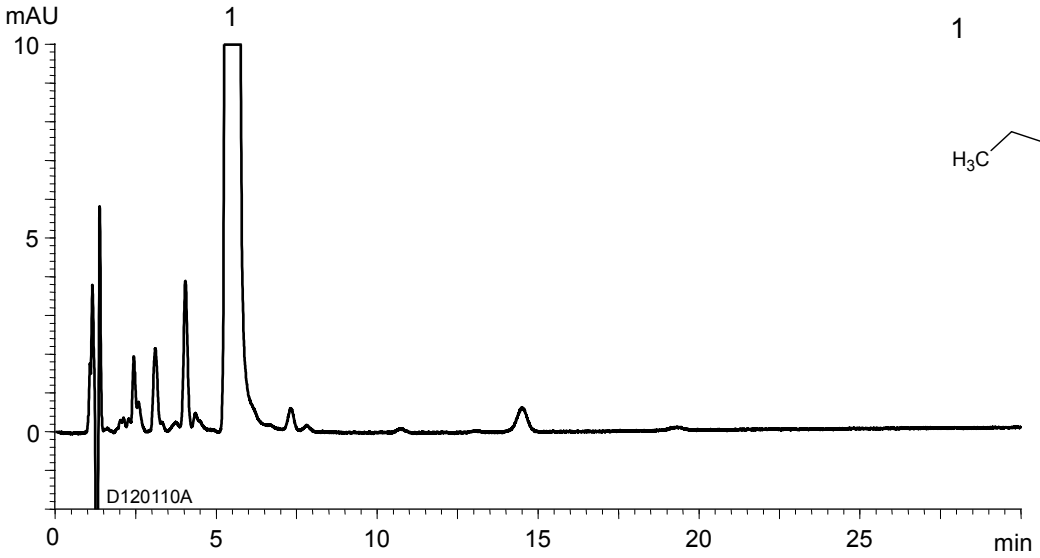
A) Standard solution*1 (0.005 mg/mL Valsartan)

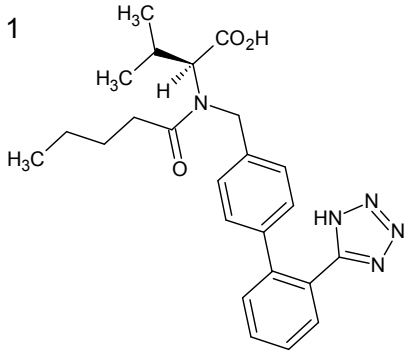


	System suitability requirement	Result for standard solution	Result for sample solution
Theoretical plate number (Valsartan)	≧1500 *1	6700	N.C.
Tailing factor (Valsartan)	≦1.5 *1	1.06	N.C.
Relative standard deviation of the peak area (Valsartan)	≦2.0% *2	0.10%	—

*1 sample solution, *2 standard solution

B) Sample solution*1 (0.5 mg/mL Valsartan)





Valsartan

Column	: YMC-Triart C18 (5 μm, 12 nm) 125 X 3.0 mmI.D.
Eluent	: acetonitrile/water/acetic acid (50/50/0.1)
Flow rate	: 0.45 mL/min *(adjust the flow rate so that the retention time of valsartan is about 5 min)*
Temperature	: 25℃
Detection	: UV at 225 nm
Injection	: 10 μL

(The draft for the Japanese Pharmacopoeia; Related substances)

*1 Standard and sample solutions were prepared from Valsartan supplied as a reagent for laboratory use.