# HPLC DATA SHEET

## シンバスタチン錠（日本薬局方収載原案記載条件）
## Simvastatin tablets (The draft for the Japanese Pharmacopoeia)

U120608B

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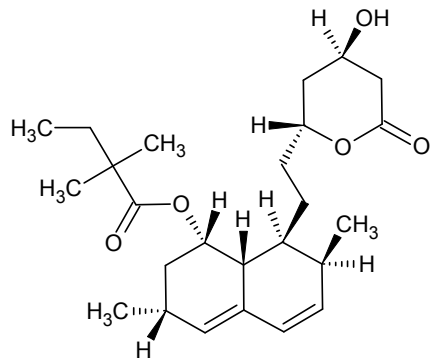
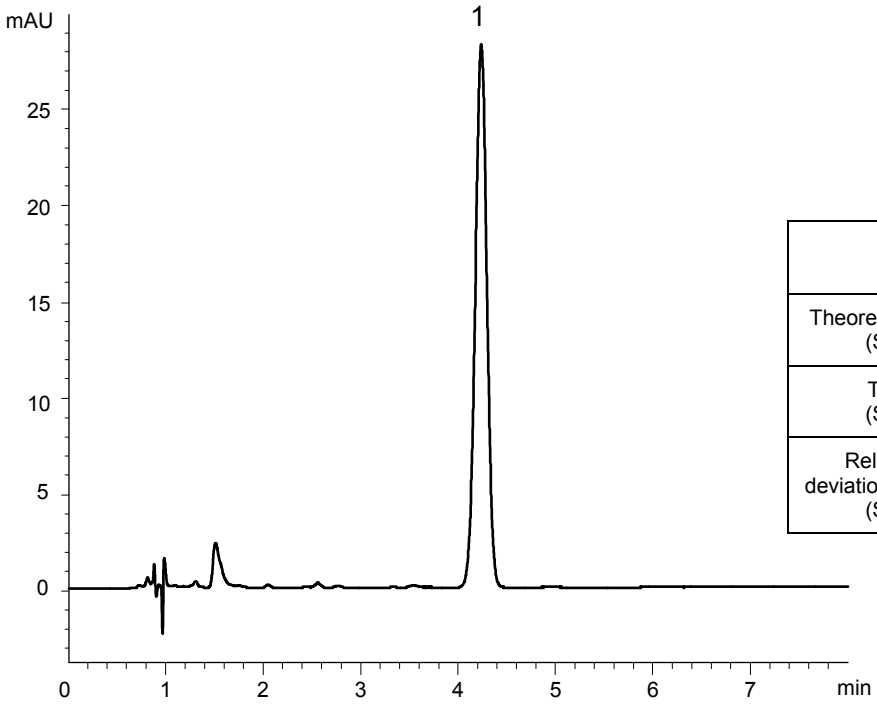


Simvastatin

Standard solution*
(0.0055 mg/mL Simvastatin)




| | System suitability requirement | Result |
|---|---|---|
| Theoretical plate number (Simvastatin) | ≧3000 | 6000 |
| Talling factor (Simvastatin) | ≦2.0 | 0.99 |
| Relative standard deviation of the peak area (Simvastatin) | ≦1.0% | 0.05% |

| | |
|---|---|
| Column | : YMC-Triart C18 (5 μm, 12 nm) 150 X 4.0 mmI.D. |
| Eluent | : methanol/0.02 M $KH_2PO_4$ (4/1) |
| Flow rate | : 1.3 mL/min *(adjust the flow rate so that the retention time of simvastatin is about 4 min)* |
| Temperature | : 50℃ |
| Detection | : UV at 238 nm |
| Injection | : 20 μL |

(The draft for the Japanese Pharmacopoeia; Dissolution)

* Standard solution was prepared from Simvastatin supplied as a reagent for laboratory use.