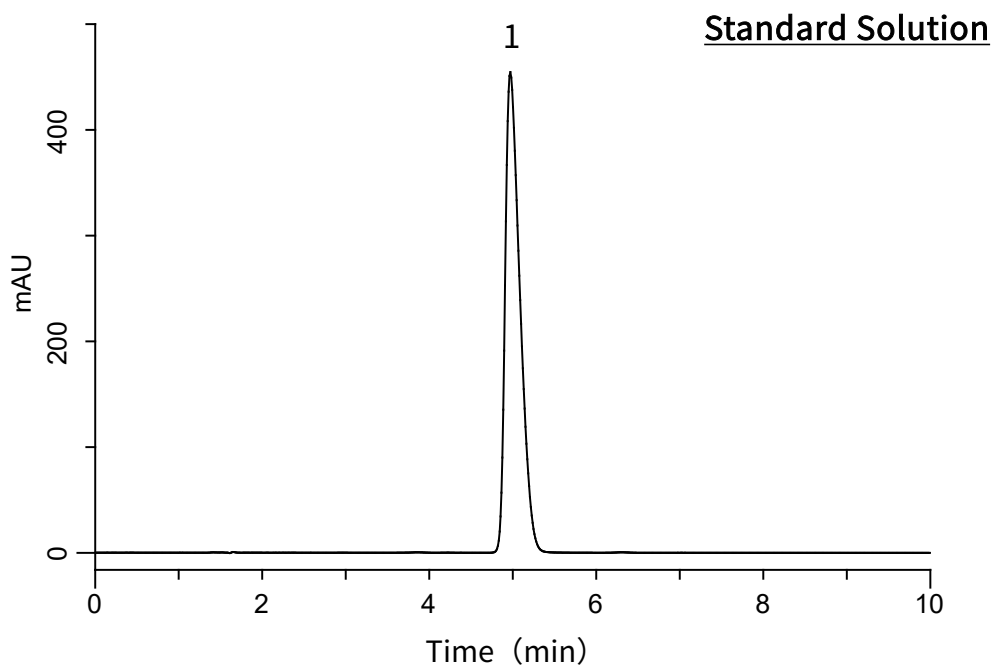


Analysis of Verapamil Hydrochloride

(Under the Condition of the Japanese Pharmacopoeia, Verapamil Hydrochloride Tablets)

Data No. LB487-0894



Conditions

System : GL7700 HPLC system
Column : InertSustain C18
(5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-07345
Eluent : A) CH₃OH
B) H₂O
C) Perchloric acid
A/B/C = 550/450/1, v/v/v
Flow Rate : 0.93 mL/min
Col. Temp. : 40 °C
Detection : UV 280 nm (PD7752 PDA Detector)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. Verapamil hydrochloride 800 mg/L

Theoretical plates : 3,740 ($\geq 2,000$)
Tailing factor : 1.60 (≤ 2.0)
RSD of the
peak area (%) (n=6) : 0.09 (≤ 1.0)