

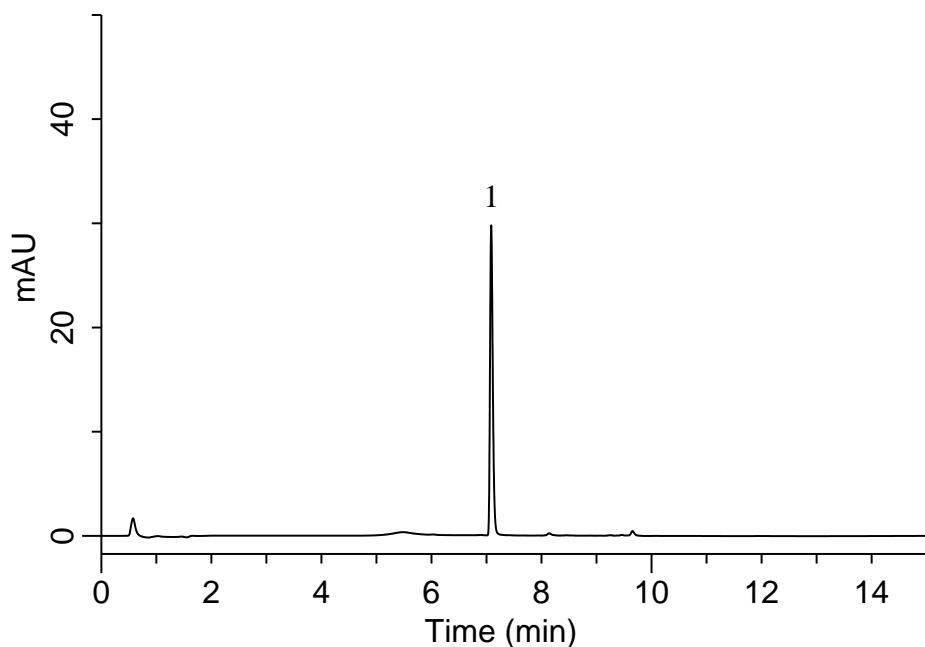
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Inertsil Applications

Analysis of Amlodipine besilate

(Under the Condition of the draft for the Japanese Pharmacopoeia,
Telmisartan and Amlodipine Besilate Tablets)

Data No. LB630-0952



Conditions

System : GL7700 HPLC system
Column : Inertsil C8-3
(5 μ m, 75 x 3.0 mm I.D.)
Column Cat. No. : 5020-04923
Eluent : A) CH₃CN
B) 2 g/L NH₄H₂PO₄ in H₂O (pH 3.5, H₃PO₄)

Time (min)	A (vol%)	B (vol%)
0.0	10	90
2.0	10	90
7.0	80	20
8.0	80	20

Flow Rate : 0.8 mL/min
Col. Temp. : 40 °C
Detection : UV 237 nm (UV7750 UV Detector)
Injection Vol. : 50 μ L
Sample : Standard

Analyte:

1. Amlodipine besilate 3.75 mg/L

Theoretical plates : 97,790 ($\geq 25,000$)
Symmetry factor : 1.31 (≤ 2.0)
RSD of the peak area (%) (n=6) : 0.33 (≤ 2.0)