

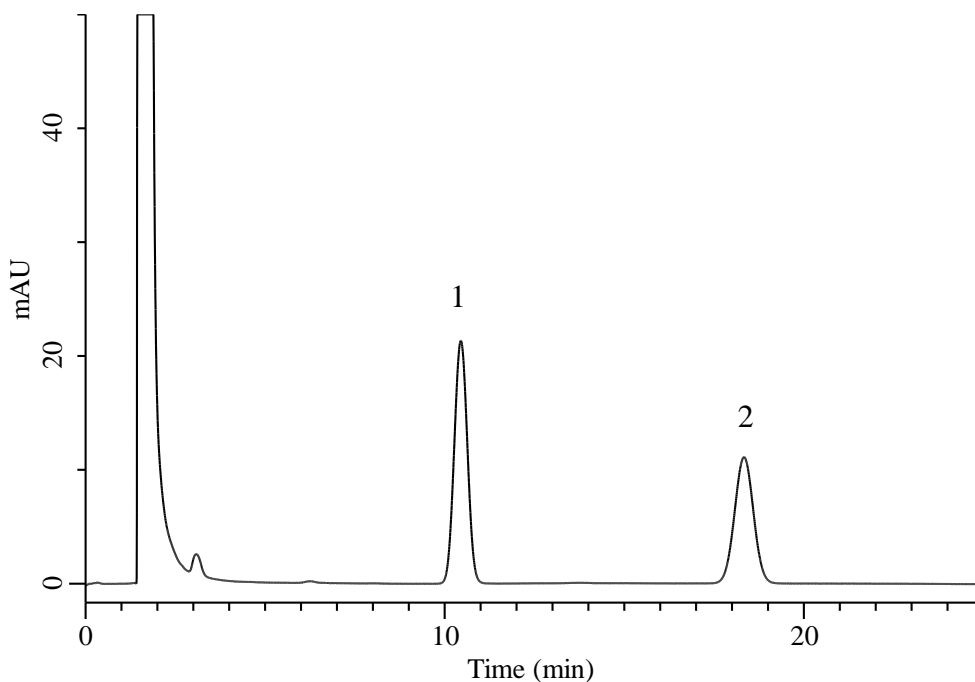
InertSearch™ for LC

Inertsil® Applications

Analysis of L-Ascorbyl palminate and L-Ascorbic stearate

(Under the Condition of food additive analysis method in food)

Data No. LB845-7111



Conditions

System : Chromaster HPLC system (HITACHI)

Column : InertSustain C18 (GL Sciences Inc.)
(5 μ m, 150 x 4.6 mm I.D.)

Column Cat. No. : 5020-07345

Eluent : A) CH₃OH
B) Buffer*
A/B = 85/15, v/v

Flow Rate : 1.0 mL/min

Col. Temp. : 35 °C

Detection : UV 254 nm

Injection Vol. : 40 μ L

Sample : Standard

Analyte:

1. L-Ascorbyl palminate 10 μ g/mL

2. L-Ascorbic stearate 10 μ g/mL

* Dissolve 7.80 g of sodium dihydrogen phosphate in 900 mL of water, adjust pH to 2.0 with phosphoric acid, and add water to make 1000 mL.