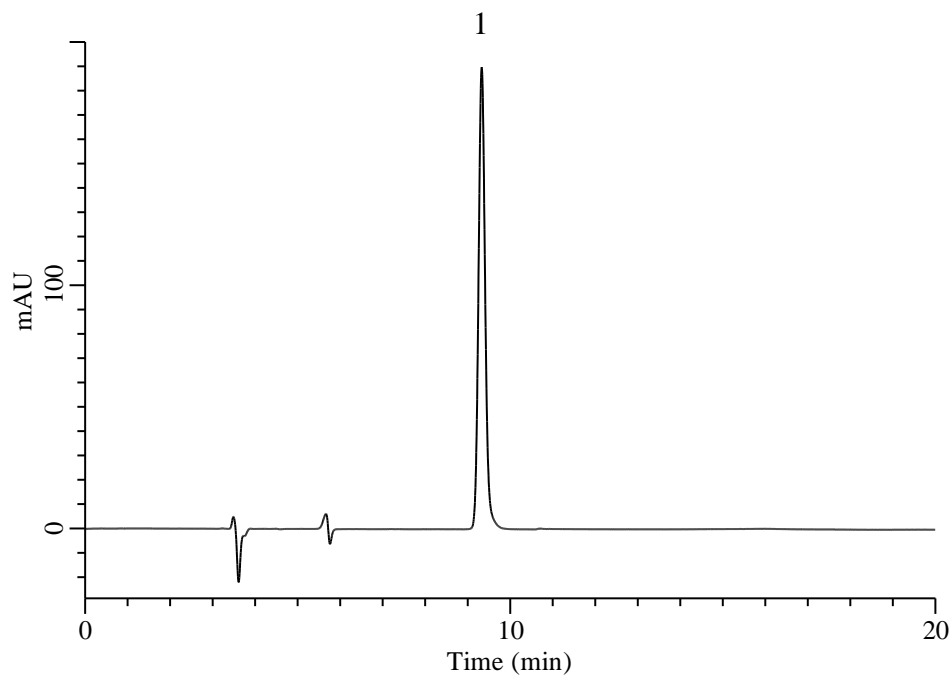


Analysis of Calcium pantothenate

(Under the Condition of food additive analysis method in food,
Calcium Pantothenate and Sodium Pantothenate)



Conditions

System : Chromaster HPLC system (HITACHI)
Column : InertSustain AQ-C18 (GL Sciences Inc.)
 (5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-89731
Eluent : A) CH₃CN
 B) Solution *
 A/B = 1/9, v/v (pH3, HCl)
Flow Rate : 0.8 mL/min
Col. Temp. : 40 °C
Detection : UV 200 nm
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. Calcium pantothenate 120 μ g/mL

* Dissolve 2.72 g of potassium dihydrogen phosphate with water to make 1000 mL. (0.02 mol/L)