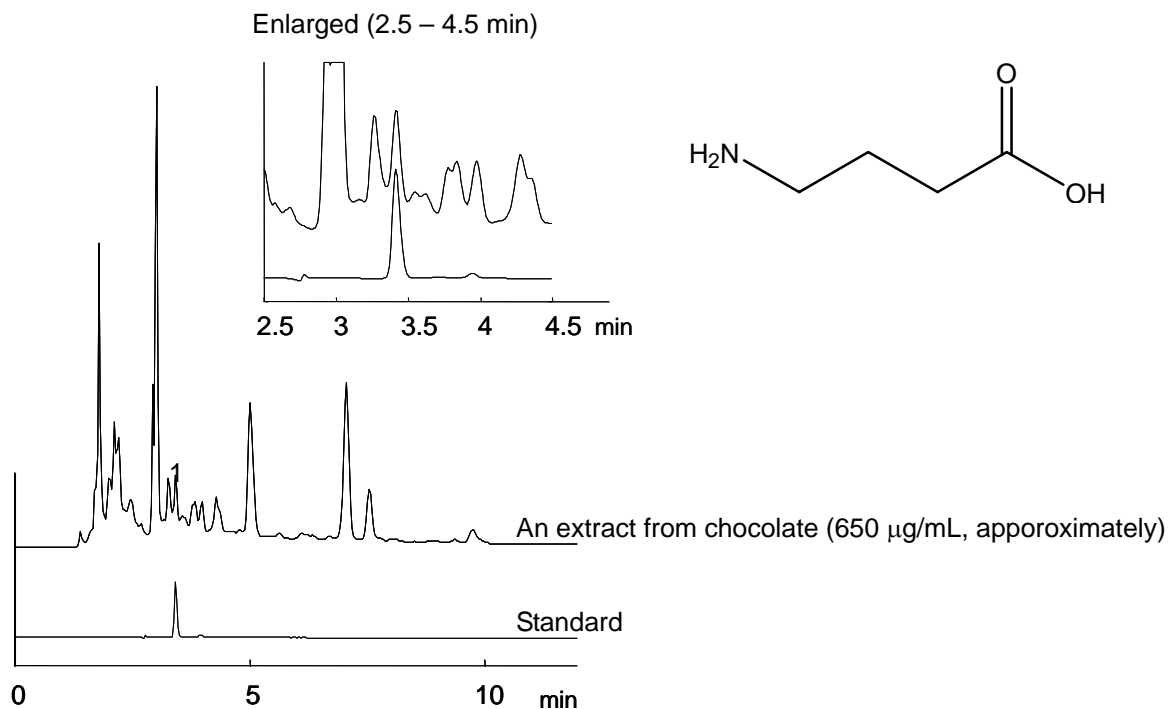


γ-アミノ酪酸

γ-Amino *n*-butyric acid (GABA)

1. γ-アミノ酪酸 (1 mg/mL)
γ-Amino *n*-butyric acid (GABA) (M.W. 103.1)



【HPLC Conditions】

Column : CAPCELL PAK C₁₈ MGII S5 ; 4.6 mm i.d. x 250 mm
Mobile phase : Sodium octane sulfonate was added to a solution {100 mmol/L phosphate buffer (adjusted at pH2.2 with phosphoric acid) / CH₃CN = 85 / 15} at 5 mmol/L.
Flow rate : 1 mL/min
Temperature : 40 °C
Detection : UV 210 nm
Inj. vol. : 5 μL
Sample dissolved in : The standard compound was dissolved in the mobile phase at 1 mg/mL. Chocolate was dispersed in water and chloroform in a separation funnel. After the extraction, the aqueous layer was filtered with a 0.2-μm filter, and introduced to HPLC.
※ 1 μg/mL = 1 ppm