



【HPLC Conditions】

Column	: CAPCELL PAK NH ₂ UG80 S5 ; 2.0 mm i.d. x 250 mm
Mobile phase	: 15 mmol/L KH ₂ PO ₄ (adjusted at pH 4 with phosphoric acid) / CH ₃ CN = 30 / 70
Flow Rate	: 200 $\mu\text{L/min}$
Temperature	: 40 °C
Detection	: UV 210 nm
Inj. vol.	: 5 μL
Sample dissolved in	: Propionic acid, succinic acid, acetic acid, and pyroglutamic acid were separately dissolved in the mobile phase at concentrations of 6, 6, 8, and 0.5 mg/mL, respectively. 100 μL of all the four solutions and 600 μL of the mobile phase were added together to make a 1-mL solution.
	※ 1 $\mu\text{g/mL}$ = 1 ppm