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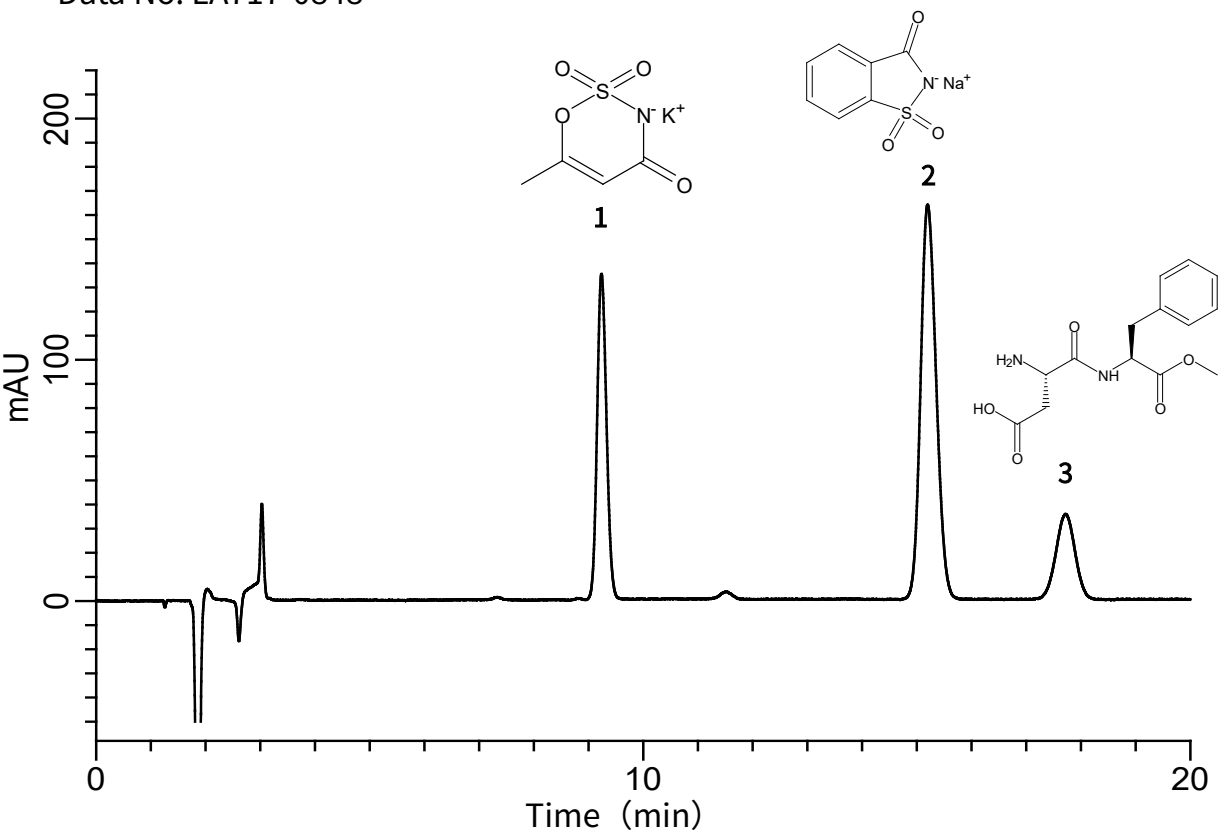
Analysis of Food synthetic sweetener

Data No. LA717-0848



Analyte

1. Acesulfame potassium (AK) (50 mg/L)
2. Sodium Saccharin (SA) (50 mg/L)
3. Aspartame (APM) (50 mg/L)

Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-4 (5µm, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-03945
Eluent : 20.3 g of 10% *tetra-n*-propylammonium hydroxyde aquoues solution was dissolved in methanol:water = 20:80 (approx. 900 mL), and H_3PO_4 was added to the solution to adjust the pH value to 4.0. Methanol: water = 20:80 was added again to make up the solution to 1000 mL.
Flow Rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 210 nm （GL-7452A PDA Detector）
Injection Vol. : 20 µL

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