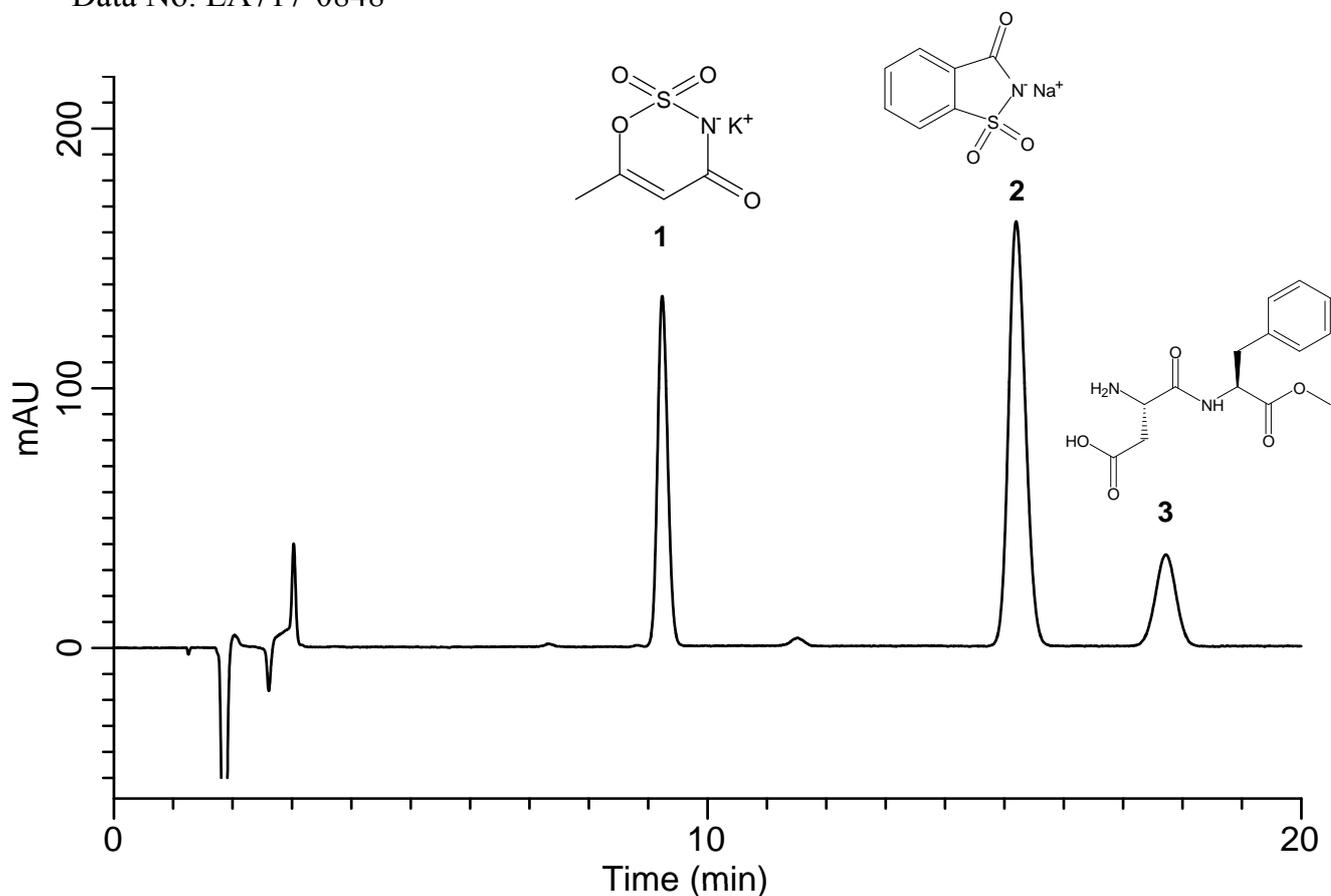


Analysis of Food synthetic sweetener

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% <i>tetra-n</i> -propylammonium hydroxyde aqueous solution was dissolved in methanol:water = 20:80 (approx. 900 mL), and H ₃ PO 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 |