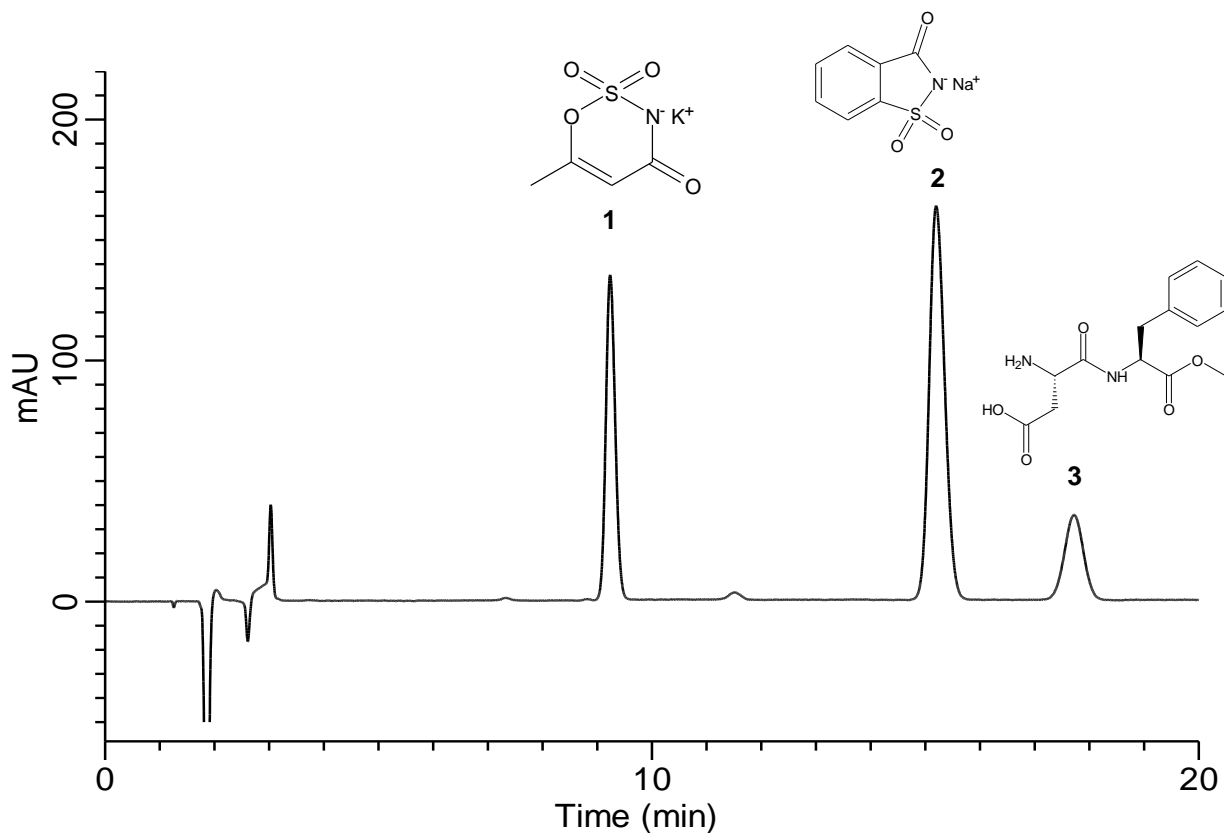


Analysis of Food synthetic sweetener



Conditions

System	: GL-7400 HPLC system
Column	: Inertsil ODS-4 (5 μ m, 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 μ L

Analyte

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