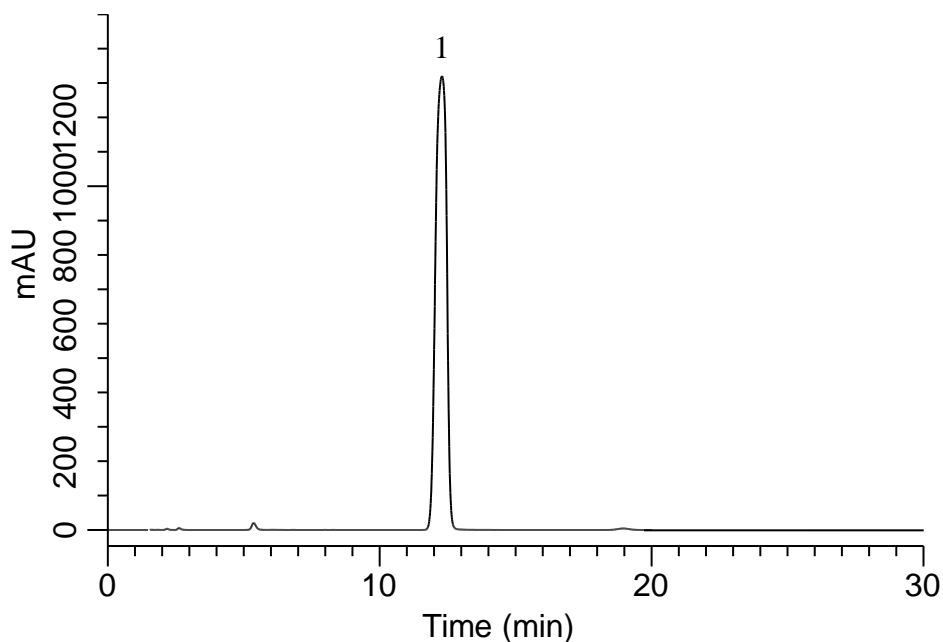


## Analysis of Neotame

(Under the Condition of the JSFA-IX (Japanese Standards of Food Additives))



### Conditions

**System** : GL7700 HPLC system  
**Column** : InertSustain AQ-C18  
 (5  $\mu$  m, 100 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-89728  
**Eluent** : Solution\*  
**Flow Rate** : 0.6 mL/min  
**Col. Temp.** : 45 °C  
**Detection** : UV 210 nm (PD7752 PDA Detector)  
**Injection Vol.** : 25  $\mu$  L  
**Sample** : Standard

### Analyte:

1. Neotame 1000 mg/L

\*Dissolve 3.0 g of sodium 1-heptanesulfonate in 740 mL of water, and add 3.8 mL of triethylamine.  
 Adjust pH 3.5 with phosphoric acid, add water to make 750 mL.  
 Add 250 mL of Acetonitrile.  
 Adjust pH 3.7 with phosphoric acid.