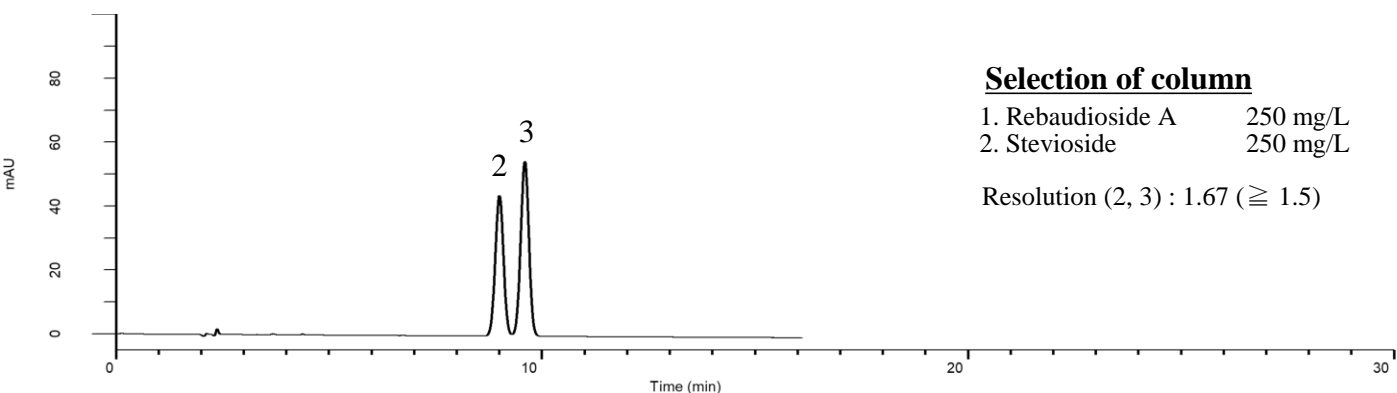
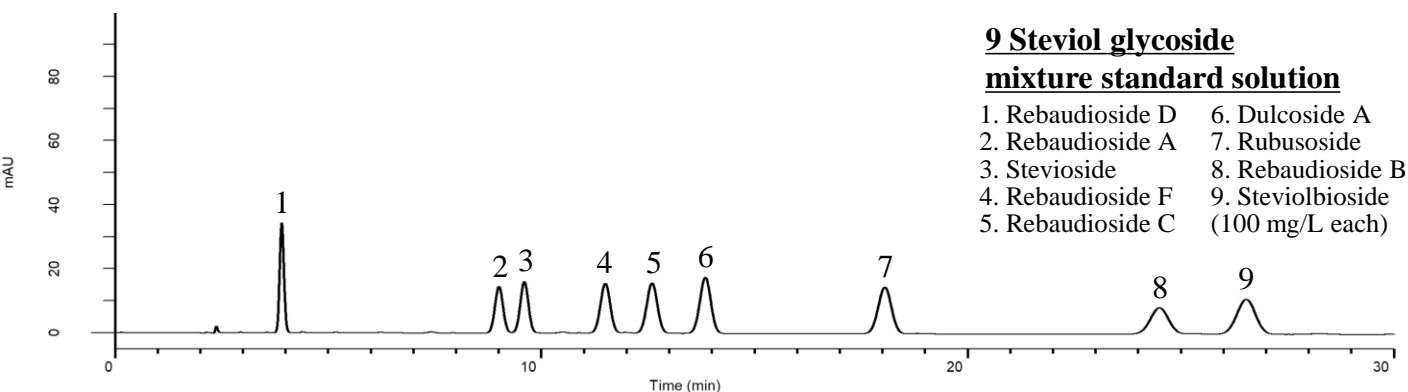


## Analysis of Steviol glycosides

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



### Conditions

**System** : GL7700 HPLC system  
**Column** : InertSustain AQ-C18  
 (5  $\mu$  m, 250 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-89731  
**Eluent** : A) CH<sub>3</sub>CN  
 B) 0.01 M Phosphate buffer in H<sub>2</sub>O (pH 2.6)\*  
 A/B = 8/17, v/v  
**Flow Rate** : 1.0 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 210 nm (UV7751 UV Detector)  
**Injection Vol.** : 10  $\mu$  L  
**Sample** : Standard

### Analyte:

1. Rebaudioside D  
 2. Rebaudioside A  
 3. Stevioside  
 4. Rebaudioside F  
 5. Rebaudioside C  
 6. Dulcoside A  
 7. Rubusoside  
 8. Rebaudioside B  
 9. Steviolbioside

\*Dissolve 1.56 g of sodium dihydrogenphosphate dihydrate in 1000 mL of water (Solution A).  
 Dissolve 1.15 g of phosphoric acid in 1000 mL of water (Solution B).  
 Mix together equal parts of Solution A and Solution B.