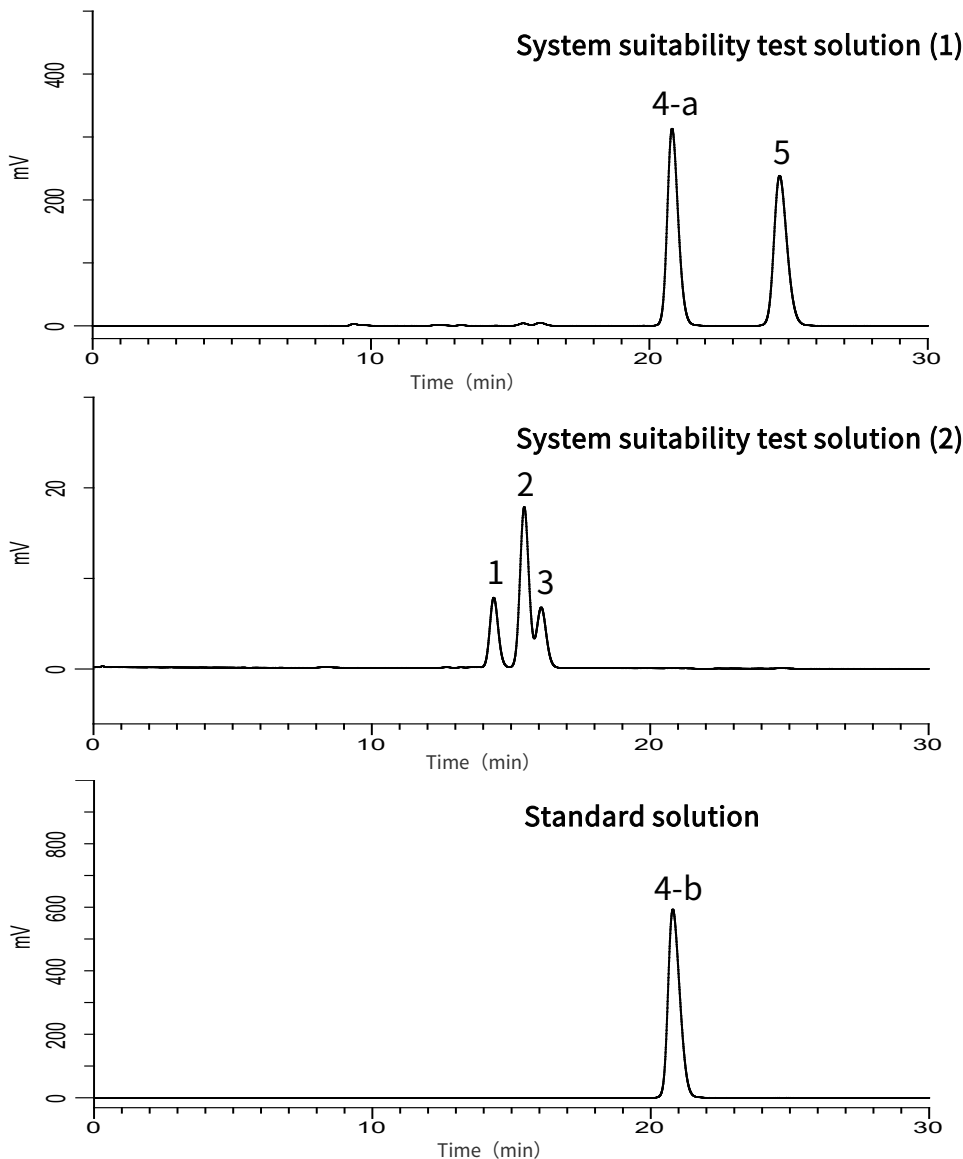


Analysis of D-Mannitol

Data No. LB267-0894



Conditions

System : GL7700 HPLC system  
Column : HC-75 (Ca<sup>2+</sup>)  
(9 μm, 300 x 7.8 mm I.D.)  
Column Cat. No. : 7845-79642  
Eluent : H<sub>2</sub>O  
Flow Rate : 0.5 mL/min  
Col. Temp. : 85 °C  
Detection : RI (40 °C, RI7754 RI Detector)  
Injection Vol. : 20 μL  
Sample : Standard

Analyte:

- 1,3. Isomalt
- 2. Maltitol
- 4. D-Mannitol
- 5. D-Sorbitol

|                                    |                     |
|------------------------------------|---------------------|
| Relative retention time (1 to 4-a) | : 0.69 (about 0.6)  |
| Relative retention time (2 to 4-a) | : 0.74 (about 0.69) |
| Relative retention time (3 to 4-a) | : 0.77 (about 0.73) |
| Relative retention time (5 to 4-a) | : 1.19 (about 1.2)  |
| Resolution (4-a, 5)                | : 4.90 (≥ 2.0)      |
| RSD of the peak area 4-b (%) (n=6) | : 0.10 (≤ 1.0)      |