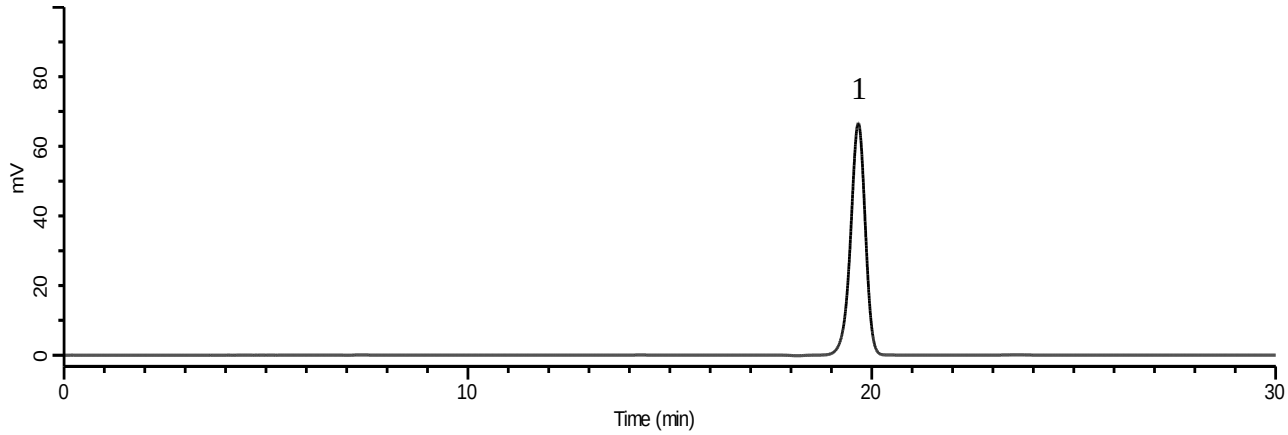
Analysis of D-Mannitol

(Under the Condition of the Japanese Pharmaceutical Excipients, D-Mannitol and Corn starch compound)

Standard solution of D-Mannitol (2)



Conditions

System	:	GL7700 HPLC system
Column	:	InertSphere Sugar-2 (9 μm, 300 x 7.8 mm I.D.)
Column Cat. No.	:	5020-11000
Eluent	:	H_2O
Flow rate	:	0.5 mL/min
Col. Temp.	:	85 ℃
Detection	:	RI (RI7754 RI Detector)
Injection Vol.	:	20 μL
Sample	:	Standard

Analyte:

1. D-Mannitol	5,000 mg/L

Theoretical plates	:	14,675(≧6,000)
Symmetry factor	:	(0.8 ≦) 0.92 (≦ 1.5)
RSD of the peak area of 1 (%)(n=6)	:	0.04