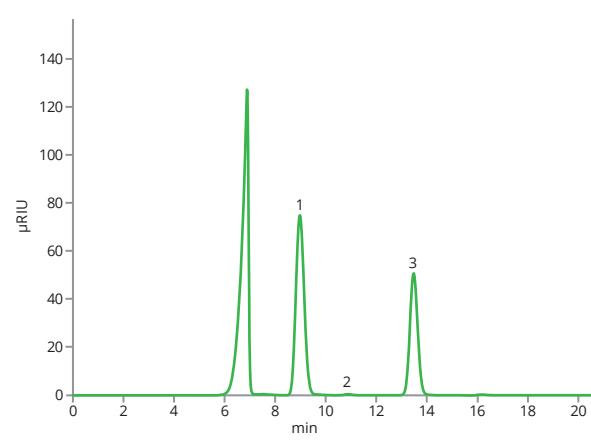
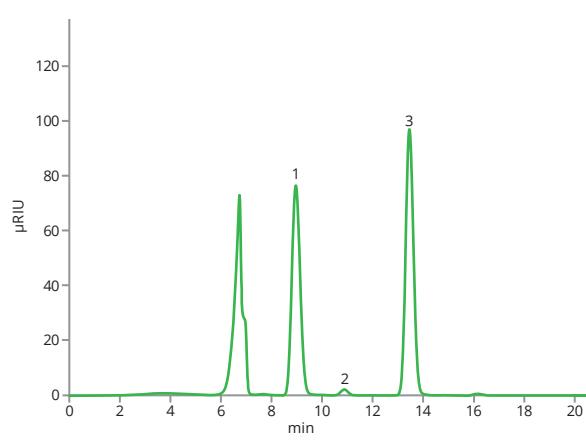
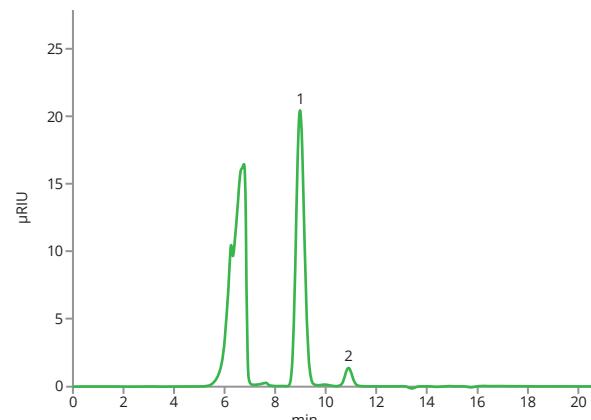
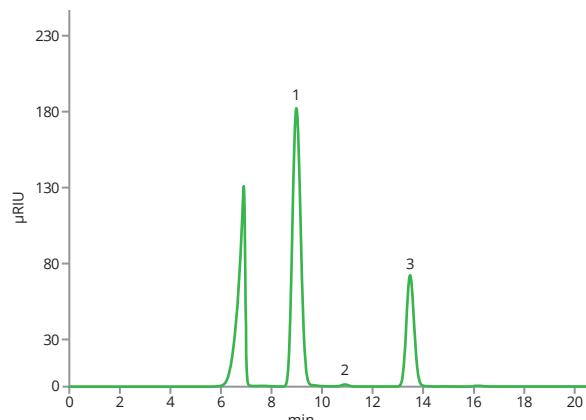


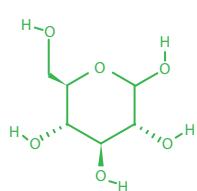
Sugars in infusion solutions

Sugars solutions in the form of infusions can be used to treat low blood sugar and water loss and as part of parenteral nutrition to optimise fluid, energy and nitrogen balance. As active ingredients of finished dosage forms, sugars should be controlled according to the strict requirements of pharmaceutical guidelines. In this application there are the results of the control of several solutions containing glucose, fructose and mannitol using Astra® Sugar Ca(S) column.

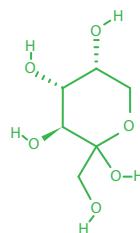


Sugars in infusion solutions

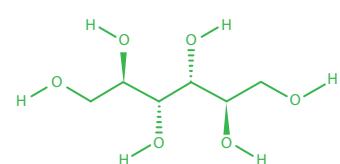
Column	ASTRA® Sugar Ca(S), 10 µm
Dimensions	300 mm × 8.0 mm
Part number	AST-5906-VN80
Mobile phase	100% H ₂ O
Flow rate	0.8 mL/min
Temperature	80 °C
Detection	RID @55 °C
Injection volume	20 µL
Analytics	1. Glucose , CAS number 50-99-7 2. Fructose , CAS number 57-48-7 3. Mannitol , CAS number 87-78-5



Glucose



Fructose



Mannitol