

Determination of sugars, ethanol and glycerol in wine

Method	VFD0121J	
HPLC	Ion exchange, size exclusion	
Column:	Eurokat Pb, 300x8 mm Precolumn: Eurokat Pb, 30x8 mm	Order No. 30GX350EKN 03GX350EKN
Phase:	Eurokat Pb, 10 µm	
Conditions:	Eluent: water Gradient: Isocratic Flow rate: 0.6 ml/min Temperature: 60 °C Volume: 20 µL	
Detection:	RI	
Sample pretreatment:	The sample can be injected directly after micro filtration and a 3:4 dilution with 2 mmol/l phosphate buffer pH 7.0 (750 µl sample + 250 ml phosphate buffer)	
Substances:	Saccharose, glucose, ethanol, fructose, glycerol	
Keywords:	Ion exchange, wine, sugars, alcohol, Eurokat Pb, AZURA Compact	

Chromatogram:

- 1 Saccharose
- 2 Glucose
- 3 Ethanol
- 4 Fructose
- 5 Glycerol

