

Determination of Nitrate and Nitrite with indirect UV detection

Method	VCH0014J		
HPLC	Ion pair chromatography		
Column:	Eurospher II 100-5 C18, 250 x 4.6 mm ID	Order No. 25VE181E2J	
Phase:	Eurospher II 100-5 C18		
Conditions:	Eluent:	5 mM Tetrabutylammoniumhydrogensulfate pH 6.5-6.8	
	Gradient:	isocratic	
	Flow rate:	1.5 ml/min	
	Temperature:	40 °C	
	Volume:	1-10 µL	
Detection:	UV@220 nm		
Substances:	Nitrate, Nitrite		
Keywords:	Nitrate, Nitrite, Anions, Ion pair chromatography, indirect UV		

Chromatogram:

1 Nitrite NO_2^-
2 Nitrate NO_3^-

