

## UHPLC determination of water soluble vitamins

Method	VFD0100J	
HPLC	RP UHPLC	
Column:	Eurospher II 100-2 C18 A, 100 x 2 mm ID	Order No. 10BE184E2F
Phase:	Eurospher II 100-2 C18 A	
Conditions:	Euent:	A: 50 mM KH <sub>2</sub> PO <sub>4</sub> pH 4 B: ACN
	Gradient:	0-0.2 min 0% B 0.2-1.5 min 50% B 1.5-2.5 min 50% B
	Flow rate:	0.7 ml/min
	Temperature:	45 °C
	Volume:	10 µL
Detection:	254 nm	
Substances:	Ascorbic acid, Nicotinic acid, Thiamine, Pyridoxin, Nicotinamid, Folic acid, Cyanocobalamine, Riboflavin	
Keywords:	Water soluble vitamins	

## Chromatogram:

- 1 Ascorbic acid
- 3 Nicotinic acid
- 2 Thiamine
- 4 Pyridoxin
- 5 Nicotinamid
- 6 Folic acid
- 7 Cyanocobalamine
- 8 Riboflavin

