

# Vitamin B2, B6

## Experimental

<b>Column:</b>	SVEA Gold C18, 5 µm 110 Å 4.6 x 150 mm	<b>Time</b>	<b>Methanol (%)</b>	<b>0.1% Acetic acid in water (%)</b>
<b>Instrument:</b>	HPLC U3000	0.00	2.0	98.0
<b>Mobile phase:</b>	See table	1.00	2.0	98.0
<b>Flow rate:</b>	1.0 ml/min	3.00	30.0	70.0
<b>Injection volume:</b>	10 µl	4.00	30.0	70.0
<b>Sample concentration:</b>	5 µg/ml	6.00	80.0	20.0
<b>Column temperature:</b>	30 °C	10.00	80.0	20.0
<b>Detector:</b>	FLD	12.00	2.0	98.0
	Pyridoxine hydrochloride (B6)	15.00	2.0	98.0
	<i>Excitation wavelength 293nm</i>			
	<i>Emission wavelength 395nm</i>			
	Riboflavin (B2)			
	<i>Excitation wavelength 462nm</i>			
	<i>Emission wavelength 522nm</i>			
<b>Sample:</b>	1. Pyridoxine hydrochloride (B6)			
	2. Riboflavin (B2)			

