



Serotonin, Melatonin Analysis

1. Analytical Condition

YL 9100 Series HPLC

Mobile Phase : ACN : buffer(pH=3.5) = 20 : 80

* pH=3.5 buffer (10mM NaH₂PO₄+10mM Na₂HPO₄, Control pH=3.5 with phosphoric acid,
1-Octane sulfonic acid Na 200mg/L add)

Column : Capcell Pak C18 MG (4.6*150mm, 5um)

Flow Rate : 1ml/min

Column Oven : 35°C

Detector : ECD (+500mV, 500nA, Filter=0.01Hz, WE: Glassy Carbon)

Injection Volume : 20ul sample loop

2. Chromatogram

