



Serotonin 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), Add small amount of EDTA 2Na and KCl

Column : Sunfire C18 (4.6*150mm, 5um)

Flow Rate : 1.2ml/min

Column Oven : 35°C

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

Injection Volumn : 20ul sample loop

2. Chromatogram

