

# Amines Analysis

## 1. Analytical Condition

### YL 6500 Series GC

Sample : aniline [ $C_6H_5NH_2$ ] / diethylamine [ $CH_3CH_2NHCH_2CH_3$ ] 1 % each

Carrier gas : He 1 ml/min (SP 300:1)

Injector : 300 °C

Oven : 50°C (5 min) -> 25 °C/min -> 280 °C(5 min)

Detector : FID 300 °C

Column : DB-5ms (30 m × 0.25 mm × 0.25 μm)

## 2. Chromatogram

