



# Trace Impurities(Ar, O<sub>2</sub>) Analysis in High-purity Nitrogen gas

## 1. Analytical Condition

### YL 6500 Series

Oven : 35°C(5min)->10°C/min->150°C(1min)

Column : HP-PLOT Molsieve 5A(30m\*0.53mm)

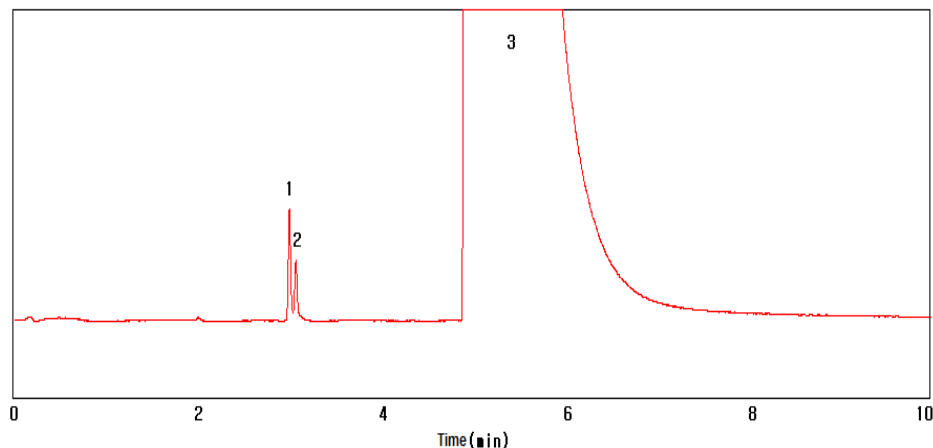
Carrier gas : He, 7ml/min (Split ratio=5:1)

Injector : Capillary 150°C

Detector : PDHID 150°C

Injection Volume : Valve 250ul sample loop

## 2. Chromatogram



1. Ar

2. O<sub>2</sub>

3. N<sub>2</sub>

