



**GAW World Calibration Centre (WCC) for Methane
and
Quality Assurance/Science Activity Centre (QA/SAC)
in Asia and the South-West Pacific**



**Methane Reference Gas Intercomparison for Asia from 2008 to 2009
Technical Details on Laboratory Measurements**

Korea Meteorological Administration (KMA)

1. Information on contributors

- (1) Contributors: Dr. Tae-Young Goo
- (2) Organization: Korea Meteorological Administration, Republic of Korea

2. Information on instrument

- (1) Analytical method: Gas Chromatography (FID)
- (2) Manufacturer: HP
- (3) Model: HP6890

3. Information on sampling

- (1) Sampling volume: 2 ml
- (2) Carrier gas: N₂
- (3) Flow rate: 28 ml/min
- (4) Temperature of the oven: 35°C

4. Information on the main column

- (1) Diameter: 1/8" O.D.
- (2) Length: 6 feet
- (3) Material: activated alumina

5. Information on column packings

- (1) Trade name: Restek
- (2) Mesh: 80/100

6. Information on standard gas

- (1) Number of standard gases: 2
- (2) Concentration of standard gases: 1594.7, 1847.1 ppb
- (3) Scale: KRISS Scale

7. Other information (references, papers, literatures, etc.)