



**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 2014 to 2016
Technical Details on Laboratory Measurements**

Korea Meteorological Administration (KMA)

1. Information on contributors

- (1) Contributors: Ms. Haeyoung Lee
- (2) Organization: Korea Meteorological Administration

2. Information on instrument

- (1) Analytical method: Cavity Ring Down Spectroscopy
- (2) Manufacturer: Picarro
- (3) Model: G2301

3. Information on sampling

- (1) Flow rate: 500 ml/min

4. Information on measuring

- (1) One measurement: 40 min/ measurement
- (2) Mole fractions: Same above

5. Information on standard gas

- (1) Number of standard gases: 4
- (2) Mole fraction of standard gases: 1674.17, 1810.73, 1875.21, 1995.72 ppb
- (3) Diluent gas: Dry ambient air (Tertiary standard from NOAA)
- (4) Scale: WMO X2004A Scale

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