

# Supplementary data on method for analysis of Formate (Frm)

#### Method based on article

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#### Material

Formic acid solution and Sodium formate (purity ≥99.0%) was obtained from Sigma-Aldrich, St.Louis, MO 63103 USA or 89555 Steinheim Germany.

#### Instrumentation

Agilent 7010B GC/TQ and Agilent 8890 GC System

## Chromatography and detection

GC-MS/MS; positive-ion multiple reaction monitoring (MRM); retention time = 3.91 min.

Formate precursor ion = 136 m/z; product ion = 108 m/z. Formate-d2 precursor ion = 138 m/z; product ion = 109 m/z.

### **Method performance**

Linear range: 7.0 - 1000 µmol/L.

Linearity: r2: 0.99.

LOD (S/N >5): 7.0 µmol/L. Within-day CV: 3-6 %. Between-day CV: 3-6 %.