Forest soil (dried, sieved 2 mm)

**Chemical extraction**

- NaOH (pH>12) extraction, 4 h
  - Supernatant
    - HCl (pH<2) extraction, 12 h
      - Centrifuge
        - Supernatant
          - HA (isolated from soil)
          - FA (isolated from soil)
        - Precipitation
          - HA (isolated from soil)
          - FA (isolated from soil)

**Water extraction**

- Water extraction, pH 7, 24 h
  - No further treatment
    - Water-extractable OM
      - Water-extractable OM
  - Chemical extraction
    - HA (isolated from the water-extractable OM)
    - FA (isolated from the water-extractable OM)