

### 3.3.4 Sampling procedure

To ensure the integrity of the samples, they should be collected by personnel from the chemical facility supervised by the inspection team. A spoon, spatula, scissors, knife, scoop and pipette should be available for sample collection. In addition, personnel carrying out the sampling should wear appropriate protective equipment. After sampling, the sample containers and sampling equipment should, if necessary, be decontaminated by washing with 5 % sodium hydroxide in a mixture of 2-propanol and water (1:1).

## 3.4 On-site analysis

The samples collected at the facility should, if possible, be analyzed on-site using in-house equipment or instrumentation brought by the inspection team. Simple equipment and methods such as CAM, detection paper and thin layer chromatography (see Chapter 2.4) may be used to screen for known chemical warfare agents. Electrical equipment has to be approved for use in the production facility.

## 3.5 Sample handling

### 3.5.1 Sample sealing

The samples should be sealed and secured immediately after collection to prevent loss or tampering before analysis. The plastic bags and glass bottles used for sampling should be sealed with a lead seal to prevent tampering during transport and storage. It is also important that the containers used for sampling are air tight to prevent any loss of sample.