```
┌──────────────┐        ┌──────────────┐
│  stock is    │        │ some stock   │        ┌──────────────┐
│  used for    │        │ is diluted   │        │ 1:4 dilution │
│ 1:1 analyses │        │ 1:4 & placed │───────▶│ is used for  │
│              │        │ in separate  │        │ 1:4 analyses │
└──────────────┘        │ jar          │        └──────────────┘
        ▲               └──────────────┘
         ╲                     ▲
          ╲                   ╱
           ╲                 ╱
```

| sample in large bottle shaken to distribute moisture | → | 100 g (±0.1g) weighed | → | dissolved in less than 400 ml warm water | → | diluted up to 500 ml in volumetric flask | → | run through gd120 filter with no rinse | → | filtered sample is bottled as stock (1:1) and capped tightly | → | some stock is diluted 1:2 & placed in separate jar | → | 1:2 dilution is used for 1:2 analyses |

some sample is removed, then weighed, prior to being oven dried (moisture test)

TEST METHOD: Preparing salt samples for analysis

Date updated: 26 April 2004 (first issue)

RISK ASSESSMENT

Assess Safety, Health, Quality and Environmental aspects of each specific step.

TASK SAFETY REQUIREMENTS

Safety boots are mandatory

Safety glasses to be worn whenever handling reagents

empty filter unit & filter pad is rinsed

filter pad is used for insolubles analysis

Some stock is diluted a further 1:10 & placed in separate jar

1:20 dilution is used for 1:20 analyses