



Sample Preparation For Cork Composite Soaks (TCA Analysis)

Prepare Soak Solution

1. Prepare a 13% Ethanol solution from 200° ethanol and water. Allow approximately 1.5L per 4L-soak container to cover all corks.

Soaking Procedure

1. Fill a 4L container with approximately 100 corks and fill as full as possible with the 13% ethanol solution. Try to eliminate as much headspace as possible.

Note: A 2L container will hold approximately 50 corks for soaking using approximately 750mLs of soaking solution.

2. After filling jar with solution put foil lined cap on container and invert several times and set aside.
3. Soak uncoated corks for 24 hours and coated corks for 48 hours.

Preparing Samples for Analysis

1. Upon completion of the soak, invert the container several times to mix soak solution completely.
2. Decant, submerge or pipette sample into 30mL V inquiry sample vial to overflowing and seal with foil lined cap. Attempt to have as little headspace as possible (a bubble no larger than the size of a small pea).
3. Store in refrigerator and transport in a chilled container to V inquiry for analysis.