

Accuracy & Precision / Linearity Testing

1. A diagnostic test will be performed prior to running concentrations
2. All 4 concentrations (.02, .08, .16 and .40) will be run on the same day
3. A purge sufficient to clear the simulator tubes of condensation will be performed each time a new simulator is attached
4. The DMT settings will be adjusted to reflect the corresponding simulator concentration each time a new concentration is used
5. Attach the simulator to the tower on the side of the DMT and connect the temperature cable
6. An Accuracy and Precision test (n=10) will be used for each concentration
7. The following user information will be entered
 - a. The Supervisor name entered will be the operators initials
 - b. The correct solution lot
 - c. The correct solution concentration

Interference Testing

1. The interference solution will be tested using the “Mouth Alcohol Test” sequence under the protocols menu (n=6)
2. The following information will be entered
 - a. The nominal solution concentration will be entered into the subject name box (ex. 0.04 MeOH in H₂O or 0.01IPA in 0.08 EtOH)
 - b. Operator initials into the operator name boxes
 - c. In the comments box, the lot number of the solution and the actual concentrations will be entered (ex. 07-12-04A .02 IPA in 0.0443EtOH)
3. The interference solution will be blown through the simulator into the breath tube
4. Detach the simulator from the breath tube between sample to allow for purging