



CARBON CHEMISTRY

Hot Scrub

Safety

1. SDS Sheets: Available upon request on all chemicals used in this process.
2. PPE: The following should be worn by all lab personnel during scrubbing:
 - a. Splash goggle
 - b. Lab coat
 - c. Gloves

Preparation

1. Required Materials/Media:
 - Carbon Chemistry Adsorbent
 - Carbon Chemistry Solvent
 - Filter system
 - Stirrer

Method

1. Heat Oil to 90°C
2. Add 3-5% adsorbent (T-5, T-41, Carbon, Activated Alumina)
3. Mix for 20-30 minutes
4. Cool to 40-45°C
5. Add carrier solvent (ethanol/heptane/hexane)
6. Filter through vacuum or pressure filtration