

Molecular Sieve Activation:

Molecular sieves must be activated (dried) before use. To check if molecular sieves are dry, you may put a bit in the palm of your hand and add a touch of water. If they generate a good amount of heat, they are dry. Otherwise, follow the procedure below:

Add molecular sieves to a dry flask and heat to 120 °C with an oil bath under high vacuum overnight (no stirring needed) using a flow control adapter (t-joint). Refill with argon, and use as needed (remember to flush flask out by vacuum-argon-vacuum-argon after opening each time to keep water out). Check sieves periodically for heat generation and dry as needed.

