

FCAL1 Process Sheet

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Process Spec: 1.3.3.1.1.2-6 – Tube Packaging and Storage

Components: Copper Tube [4.2.7.1.2.1]

Material: Nitril Gloves
Compressed Nitrogen Gas
Plastic Bags
Clean Room Wipes

Tooling: Large Steel Cart
Storage Rack
Compressed Nitrogen Nozzle
Thermal Bag Sealer

Location: UofA PAS 180 – Clean Room

QC Form: FCal1-QC-1.3.3.1.2-1 Tube Traveler

Process:

1. Wear nitril gloves when handling tubes.
2. Cleaned batches of (typically) 132 tubes passing the QC check described in [1.3.3.1.1.2-5](#) are to be packed into clean plastic bags. Fill bags with compressed nitrogen gas, one clean room wipe, and completely dried tubes, then thermally seal with bag sealer.
3. Bags have to be numbered. Also note date of packing, name of packing person, and exact number of tubes on bag. Record the same information in logbook.
4. Store packaged tubes in clean room on wire shelves under plastic tenting which provides a low-flow nitrogen atmosphere.

Remarks:

- Update total number of stored bags and tubes in logbook regularly.

Global Process: [1.3.3.1.1.2](#) – Tube Processing

Previous: [1.3.3.1.1.2-5](#) – Tube Cleaning Inspection

Follow-Up: [1.3.1.7](#) – Matrix Assembly
[all stored tubes]