Dry Shipper Form

Shipping Order No. ____________________
(Complete a new form for each dewar. Attach form to dewar.)

Description & Value:

Ship FedEx.

Not ANL property. Please insure for: (Must check one)

☐ Standard FedEx liability ($100)
☐ $___________

For international shipments only: Customs declaration value: $___________
(Note: shipment may require approval by the government of the destination country)

Shipment is comprised of small samples of biological macromolecules,

Contained in: (Check only those that apply.)

☐ LN₂ gas phase
☐ refrigerated propane ( ______ kg)
☐ refrigerated chlorodifluoromethane ( _______ kg)
☐ refrigerated ethane ( _______ kg)
☐ other (specify): _____________________________________

Packaged in: (Must check only one)

☐ dry shipping dewar (Refer to US DOT CA-199807017)
☐ dewar filled with liquid nitrogen ( _______ kg)
☐ Please inform me (APS User) of shipping tracking number.

☐ E-mail _______________________________
☐ Voice mail ______________________________

[CRYOGEN] [DENSITY (G/ML)] [MASS IN ONE 1.5-ML CRYOVIAL]
Propane (liquid) 0.5853 0.8789 g
Chlorodifluoromethane (liquid) 1.4909 2.2364 g
Ethane (liquid) 0.572 0.858 g
Nitrogen (liquid) 0.8081

___ cryovials × \frac{1.5 ml}{cryovial} × \text{density} \left(\frac{g}{ml}\right) × \frac{1kg}{1000g} = \boxed{\text{kg}}