



Technical Data Sheet

Copper-67 Bulk Radiochemical

Copper Chloride (Cu-67)

Half-Life: 2.58 days

ORIGIN:	Denton, TX
CHEMICAL FORM:	CuCl ₂ in HCl
PHYSICAL FORM:	Liquid
SPECIFICATIONS: (@ Calibration)	Radionuclidic Purity: ≥ 98.0% Chemical Purity: ≤ 1000 ppm metallic elemental species Specific Activity: ≥ 5000 Ci/g Identity Cu-67: Peak at 184.6 keV pH: ≤ 1.3 in 0.1N Hydrochloric Acid Activity Concentration: ≥ 1 mCi/mL
NUCLEAR REACTION:	$^{70}\text{Zn}(p,\alpha)^{67}\text{Cu}$
CALIBRATION:	12:00 Noon CT day after processing
UNIT OF SALE:	millicurie
EXPIRATION:	12 Days after calibration
PRODUCTION SCHEDULE:	As Available
DELIVERY:	FOB Denton, Texas
ORDER DEADLINE:	1 week prior to day of shipment

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