



1500 Alvin Ricken Drive
 Pocatello, ID 83201
 208-282-5877

Certificate of Analysis Cu-67 Chloride

Research isotope only. Not for human use.

Product: ^{67}Cu in CuCl_2 solution, vol. liquid < 300 uL in 0.01 M HCl

Half-Life: 61.8 hours

Expiration: 5 half-lives post calibration, = 307 hours

Packaging: 1 mL conical glass vial, with lead transport container

Bar Code
 Sticker

Batch #:		
Date/Time of Activation:		
Calibration Date/Time:		
Calibrated Activity mCi/GBq:		

Product Specification:

Radionuclide properties	Specification	Result	Pass/Fail
Appearance	Clear, colorless solution		
pH	0.5 to 3		
^{67}Cu identify test (HPGe)	185keV, 300keV and 390keV peaks present		
^{67}Cu radio-purity at calibration (HPGe)	>99%		
List non ^{67}Cu peaks and %			
Specific Activity/mg Cu	>150 Ci/mg		
<u>Chemical purity as of Cal. date</u>			
Cu (cold)	<5.4 ug/Ci		
Ni	<10 ug/Ci		
Co	<10 ug/Ci		
Zn	<50 ug/Ci		
Fe	<50 ug/Ci		
Hg	<10 ug/Ci		
Pb	<20 ug/Ci		
All other metals	<40 ug/Ci		

Product Release by:

Date: _____