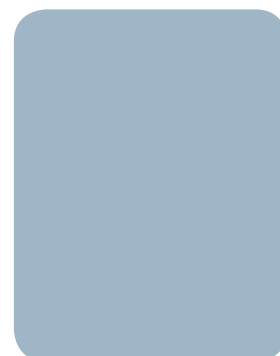


ISOTOPES



Chloride-64 (Cu-64)

Radiochemical

23;21

| | |
|-----------------------------|--|
| Appearance; Color | Clear and particle-free; Colorless |
| Strength | Report result (mCi/mL) (at EOS) |
| Radionuclidic Identity | Major photopeaks at 511 keV and 1345 keV |
| Radionuclidic Purity | ≥ 93%* (at EOB) |
| Radionuclidic Impurities | $^{55}\text{Co} \leq 0.16\%$ $^{60}\text{Cu} \leq 0.50\%$ $^{61}\text{Co}: \leq 6.6\%$ $^{61}\text{Cu} \leq 0.50\%$ (at EOB) |
| Effective Specific Activity | $>100 \text{ mCi}/\mu\text{g}$ $(>6405 \text{ mCi}/\mu\text{mol})$ (at EOB) |

*EOB: End of Bombardment. When the Cyclotron is shutdown.

*EOS: End of Synthesis. When the radionuclide manipulation is complete.