Product Information

Isotope Program
US Department of Energy

NIDC | NATIONAL ISOTOPE DEVELOPMENT CENTER
MANAGED BY THE U.S. DEPARTMENT OF ENERGY ISOTOPE PROGRAM

Specifications

Lead-203

Half-Life/Daughter	51.7 Hours
Decay	Decay Radiation Information (NNDC)
Chemical Form	Pb-203 as PbCl2 in <500 µL 1 N HCl
Available Specific Activity	≥50 mCi/µmol
Activity Concentration	≥100 mCi/mL
Radionuclide Purity	≥98%
Production Route	Tl-205(p,3n)Pb-203
Processing	Ion chromatography
Primary Container	1.5 mL microcentrifuge tube, metal free
Availability	Routinely available
Unit of Sale	Millicuries

Other Information

Calibration of stated activity is to the date/time of shipment for radioisotopes