

Product Information

Specifications

Manganese-52

Half-Life/Daughter	5.591 days to chromium-52
Decay	Decay Radiation Information (NNDC)
Chemical Form	Manganese II in 0.1 M HCl (MnCl ₂)
Available Specific Activity	>0.02775 MBq/μg (>0.75 μCi/μg) - DOTA from UAB >0.9 MBq/μg (0.0025 mCi/μg) - DOTA from UW
Activity Concentration	>1.85 MBq/mL (>0.05 mCi/mL)
Radionuclidic Purity	>99%
Production Route	Proton irradiation of natural Cr
Processing	Dissolution and extraction chromatography
Primary Container	Screw cap plastic vial
Availability	Special order
Unit of Sale	Millicuries

Other Information

- CoA provided
- Minimum order of 37 MBq (1 mCi)
- Activity provided in ~500 μL (from UAB)
- Activity provided in ~1mL with typical activity concentration of 5 mCi/mL (from UW)
- UAB - University of Alabama, Birmingham
- UW- University of Wisconsin