

Manganese-52 Product Information

Specifications

Radioisotope	Mn-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
Activity Concentration	> 0.074 MBq/μL (0.002 mCi/μL)
Radionuclidic Purity	<1% Mn-54 (312 day half-life)
Production Route	Proton irradiation of natural Cr
Processing	Dissolution and ion 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