

Rubidium-83 Product Information

Specifications

Radioisotope	Rb-83
Half-Life/Daughter	86.2 days to krypton-83
Decay	Decay Radiation Information (NNDC)
Chemical Form	Rubidium (I) in 0.05–0.5 N HCl
Available Specific Activity	>3.7 MBq/mg (>0.1 mCi/mg)
Radionuclidic Purity	Rb-86/Rb-83: <0.05% Rb-84/Rb-83: <0.1%
Production Route	Proton bombardment of rubidium chloride target
Processing	Dissolution and ion exchange
Primary Container	Crimp-seal glass vial
Availability	Special order
Unit of Sale	Millicuries