

Yttrium-86 Product Information

Specifications

Radioisotope	Y-86
Half-Life/Daughter	14.74 hours to strontium-86
Decay	Decay Radiation Information (NNDC)
Chemical Form	Yttrium (III) in 0.05–0.5 N HCl from BNL YCl3 in 0.01-0.1 M HCl from UW
Activity Concentration	>37 MBq/mL (>1 mCi/mL), no carrier added from BNL >.74 MBq/μL (20 μCi/μL) from UW at shipment
Radionuclidic Purity	>98% BNL >96% UW
Production Route	$^{86}\text{Sr}(p,n)^{86}\text{Y}$
Processing	Dissolution and ion exchange/extraction chromatography
Primary Container	Crimp-seal glass vial from BNL Screw cap plastic vial from UW
Availability	Special order
Unit of Sale	Millicuries

Other Information

- Brookhaven National Laboratory - BNL
- University of Wisconsin - UW