

Tungsten-188/Rhenium-188 Generator

Product Information

Specifications

Radioisotope	W-188
Half-Life/Daughter	69.78 days to rhenium-188
Decay	Decay Radiation Information (NNDC)
Chemical Form	W-188 as tungstic acid absorbed in alumina in glass column; Re-188 eluted as sodium perrhenate with saline solution
Available Specific Activity	Request a quote for further information
Radionuclidic Purity	75-85% Re-188
Production Route	Double neutron capture on enriched tungsten-186 metal targets
Processing	Target dissolved in excess sodium hydroxide and hydrogen peroxide
Primary Container	Generator is housed in a one inch lead pig with inlet/outlet holes
Availability	Special order; 10-12 weeks advanced notice requested
Unit of Sale	10 millicuries–3 curies