

MATIONAL ISOTOPE DEVELOPMENT CENTER MANAGED BY THE U.S. DEPARTMENT OF ENERGY ISOTOPE PROGRAM

## **Product Information**

## Specifications

## Actinium-225 (Thorium-229 Decay Product)

Half-Life/Daughter	9.920 days to francium-221
Decay	Decay Radiation Information (NNDC)
Chemical Form	Solid actinium nitrate
Radionuclidic Purity	>99% Ac-225 by activity
Production Route	Decay of thorium-229
Processing	Produced by ion exchange chromatography
Primary Container	Glass screw top V-vial in nonreturnable container
Availability	Routinely available (weekly); order far in advance due to limited supply
Unit of Sale	Millicuries

## **Other Information**

National Isotope Development Center contact@isotopes.gov | (865) 574-6984 | www.isotopes.gov