

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