

Product Information

Specifications

Actinium-225 (Accelerator-Produced)

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| Half-Life/Daughter | 9.920 days to francium-221 |
| Decay | Decay Radiation Information (NNDC) |
| Chemical Form | Solid actinium nitrate |
| Radionuclide Purity | ≥99% by activity (gamma spectroscopy), not including Ac-227 or daughter isotopes; ≤2% Ac-227 at shipment (value extrapolated from earlier runs) |
| Production Route | Proton bombardment of natural thorium target |
| Processing | Separated by ion exchange and extraction chromatography |
| Primary Container | Glass screw top V-vial in nonreturnable container |
| Availability | Routinely available every three weeks |
| Unit of Sale | Millicuries |

Other Information

- CoA provided
- Can also be supplied as a bismuth-213 generator