

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

Specifications

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| Radioisotope | Ac-225 |
| Half-Life/Daughter | 9.920 days to francium-221 |
| Decay | Decay Radiation Information (NNDC) |
| Chemical Form | Solid actinium nitrate |
| Radionuclidic Purity | >98% Ac-225; <2% Ra-225 |
| Radioisotopic Purity | 100% Ac-225 |
| Production Route | Decay of thorium-229 |
| Processing | Separated by ion exchange and solvent extraction |
| Primary Container | Glass screw cap bottle in nonreturnable container |
| Availability | Routinely available (weekly); order far in advance due to limited supply |
| Unit of Sale | Millicuries |

Other Information

- Can also be supplied as a low-activity bismuth-213 generator