

Xenon-127 Product Information

Specifications

Radioisotope	Xe-127
Half-Life/Daughter	36.346 days to iodine-127
Decay	Decay Radiation Information (NNDC)
Chemical Form	Elemental gas
Radionuclidic Purity	≥80% xenon-127; ≥99% radioxenons
Production Route	Proton bombardment of cesium-133 chloride target
Processing	Salt is dissolved and helium used to release the xenon
Primary Container	8cc glass crush type vial
Availability	Special order; long lead time
Unit of Sale	Millicuries; minimum order 15 millicuries