

# Strontium-90 Product Information

## Specifications

|                                    |  |
|------------------------------------|--|
| <b>Radioisotope</b>                | <b>Sr-90</b>   |
| <b>Half-Life/Daughter</b>          | 28.79 years to yttrium-90                                  |
| <b>Decay</b>                       | <a href="#">Decay Radiation Information (NNDC)</a>         |
| <b>Chemical Form</b>               | Nitrate solid  |
| <b>Available Specific Activity</b> | ~925 GBq/g (~25 Ci/g) total strontium                      |
| <b>Radionuclidic Purity</b>        | >99.99%  |
| <b>Production Route</b>            | Recovered and purified from mixed uranium fission products |
| <b>Processing</b>                  | Selective precipitation and dissolution                    |
| <b>Primary Container</b>           | Shielded screw-cap vial                                    |
| <b>Availability</b>                | Stock  |
| <b>Unit of Sale</b>                | Millicuries  |