

Germanium-68 Product Information

Specifications

| Radioisotope | Ge-68 |
|------------------------|---|
| Half-Life/Daughter | 270.93 days to gallium-68 |
| Decay | Decay Radiation Information (NNDC) |
| Chemical Form | Germanium (IV) in <1 N HCl |
| Activity Concentration | >370 MBq/mL (>10 mCi/mL) |
| Radionuclidic Purity | >99% |
| Production Route | Proton bombardment of gallium target |
| Processing | Dissolution and liquid-liquid extraction |
| Primary Container | Crimp-seal glass vial |
| Availability | Commercially available; Emergency back-up, as needed. |
| Unit of Sale | Millicuries |

Other Information