

ISOTOPES



Zinc-68 (Zn-68)

Radiochemical

6;12;21;9;4;15;13;9;3;1

Official Name: Zinc-68 target solution 33 mg/ml

Chemical form: 0.5 M Zinc nitrate solution

Product description: Product 01.002.100 is a 99.5% enriched $[^{68}\text{Zn}]$ Zinc nitrate solution contained in a vial. The product is a clear colourless solution containing nominal 33 mg/ml of $[^{68}\text{Zn}]$ Zinc (0.5 M Zinc nitrate).

Applications: This product is intended to be used as target material for the production of $[^{68}\text{Ga}]\text{Ga}(\text{III})$ in a cyclotron by the $^{68}\text{Zn}(p,n)^{68}\text{Ga}$ reaction.

Storage and Stability: Store the product $<30^{\circ}\text{C}$, protected from light. Product is stable for 12 months from the date of manufacturing when kept in the original container.

WARNING: Avoid any metal contact.