

[¹⁷⁷Lu]Lutetium Chloride Solution

| | |
|------------------------------|---|
| Product: | [¹⁷⁷ Lu]Lutetium Chloride Solution |
| Half-life: | 6.71 days |
| Decay energy: | β^- : E _{max} = 498 keV (79%); 177 keV (12%); 385 keV (9%) E = 208 keV (10%); 113 keV (6%) |
| Activity: | As requested, 0.5 – 37 GBq per vial at calibration date ¹ |
| Radioactivity concentration: | As requested, max. 50 GBq/ml at calibration date ¹ |
| Chemical form: | [¹⁷⁷ Lu]LuCl ₃ in 0.04 M HCl solution |
| Specific activity: | > 1850 GBq/mg at calibration date ¹ |
| Radiochemical purity: | > 99% as Lutetium chloride |
| Radionuclide purity: | > 99.9% at calibration date ¹ |
| Radionuclide impurities: | < 0.001% ^{177m} Lu to ¹⁷⁷ Lu activity ratio at calibration date ¹ |
| Chemical impurities: | < 27 µg/GBq mass (Cu, Zn, Al, Fe, Pb) to ¹⁷⁷ Lu activity at calibration date ¹ |
| Reference date: | As requested, at 12:00 CET at calibration date ¹ |
| Packaging: | 3 ml V-glass vial and 10 ml tapered glass vial. Closure with crimp cap. Unique clear plastic inner shield allows product to be visible during withdrawal using syringe, significantly reducing hand dose. Removable outer surface contamination on plastic inner shield or lead container is below 10 Bq. |
| Order deadline: | Minimum two weeks prior to shipment |

¹ calculated for the first day of possible delivery

Please note that the radiochemicals listed are not tested for sterility or pyrogenicity. Verification of their suitability for use in humans is the sole responsibility of the purchaser.



7132-0021 / Rev. 03 / 12.2009

Distribution:

**Eckert & Ziegler
Radiopharma GmbH**
Robert-Rössle-Str. 10
13125 Berlin
Germany

www.radiopharma-gmbh.com

Phone: +49 30 94 10 84 – 280
Fax: +49 30 94 10 84 - 470
E-Mail: radiopharma@ezag.de

Distribution USA & Canada:

**Eckert & Ziegler
Nuclitec, Inc.**
63 South Street, Suite #140
Hopkinton, MA 01748
USA

www.radiopharma-gmbh.com

Phone: +1 508 497 0060
Fax: +1 508 497 0061
E-Mail: radiopharma@ezag.com