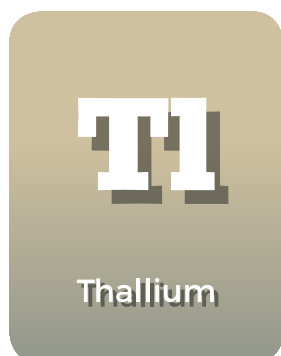


## ISOTOPES



## Thallos chloride ( Tl-201 )

Radiochemical

3;21;18;9;21;13

<b>Production:</b>	Monday Tuesday Wednesday Thursday Friday
<b>Storage:</b>	Room temperature
<b>Expiration:</b>	1 week after ART*
<b>Half-life:</b>	73.0 hours
<b>Gamma energy:</b>	167 keV
<b>pH:</b>	4.0 – 7.0
<b>Radionuclidic purity:</b>	$^{200}\text{Tl}: \leq 10 \text{ kBq/MBq } ^{201}\text{Tl}$ $^{202}\text{Tl}: \leq 5 \text{ kBq/MBq } ^{201}\text{Tl}$
<b>Specific activity:</b>	$\geq 18.5 \text{ GBq/mg}$
<b>Radiochemical purity:</b>	> 99%
<b>Radioactive concentration:</b>	> 70 MBq/mL at ART*
<b>Composition:</b>	$^{201}\text{Tl}$ as thallos chloride in isotonic sodium chloride solution

\*activity reference time