

MOLECULES TO LIFE



MON. TALYUM-201 Thallium-201 I.V. Injectable Solution

Content

Sterile, non-pyrogenic solution including thallium chloride ($^{201}\text{TlCl}$) with a radioactive concentration of 37 MBq/mL in 0.9% sodium chloride solution

Description

MON.TALYUM-201 I.V. injectable solution is a radiopharmaceutical product used for diagnostic purposes. Thallium-201 (^{201}Tl) is a radioactive isotope which has 72.96 hours half-life produced by bombardment of the thallium-203 (^{203}Tl) target in a cyclotron. It is prepared as sterile, non-pyrogenic Thallium Chloride ($^{201}\text{TlCl}$) solution in 0.9% of NaCl for intravenous administration. It is used in myocardial, muscle & parathyroid scintigraphies and in tumor monitoring for diagnostic purposes.

Calibration Activities

2 mCi (74 mBq), 5 mCi (185 MBq) and 10 mCi (370 MBq)

Production Days

Sunday

Calibration Days

Next Thursday (8 a.m.) after production or other days depending on request

Shelf Life

13 days from production date

Storage

At room temperature below 25 °C, in lead shield

Packaging

Type I glass vial with bromobutyl rubber stopper in lead shield in a box

Disposal of Waste Materials

Any unused product or waste material should be disposed of in accordance with local requirements.

GÜNLER / DAYS	MON-Tl ²⁰¹ -2		MON-Tl ²⁰¹ -5		MON-Tl ²⁰¹ -10	
	mCi	MBq	mCi	MBq	mCi	MBq
-3 Pazartesi/Monday	3.96	146.52	9.91	366.70	19.80	732.93
-2 Salı/Tuesday	3.15	116.55	7.89	291.93	15.77	583.49
-1 Çarşamba/Wednesday	2.51	92.87	6.28	232.36	12.56	464.72
0 Perşembe/Thursday	2.00	74.00	5.00	185.00	10.00	370.00
+1 Cuma/Friday	1.59	58.83	3.98	147.26	7.96	294.52
+2 Cumartesi/Saturday	1.26	46.62	3.16	116.92	6.33	234.21
+3 Pazar/Sunday	1.00	37.00	2.52	93.24	5.04	186.48
+4 Pazartesi/Monday	0.80	29.60	2.00	74.00	4.00	148.00
+5 Salı/Tuesday	0.63	23.31	1.59	58.83	3.19	118.03
+6 Çarşamba/Wednesday	0.50	18.50	1.27	46.99	2.54	93.98

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