

MOLECULES TO LIFE



MON. IYOT-131 IODINE-131 Oral Capsule

Content

Hard gelatine capsule containing sodium iodide (Na^{131}I), disodium hydrogen phosphate, sodium thiosulphate and sodium carbonate-bicarbonat buffer

Description

MON.IYOT-131 0.37 - 7400 MBq (10 μCi - 200 mCi) oral capsule contains fission product radioactive iodine (^{131}I) as an active substance which has 8.02 days half life and used for diagnosis and treatment of thyroid diseases.

Calibration Activities

16 μCi (0,59 MBq), 50 μCi (1,85 MBq), 100 μCi (3,7 MBq), 1 mCi (37 MBq), 5 mCi (185 MBq), 10 mCi (370 MBq), 15 mCi (555 MBq), 20 mCi (740 MBq), 25 mCi (925 MBq), 30 mCi (1110 MBq), 50 mCi (1850 MBq), 75 mCi (2775 MBq), 100 mCi (3700 MBq), 125 mCi (4625 MBq), 150 mCi (5550 MBq), 175 mCi (6475 MBq), 200 mCi (7400 MBq)

Production Days

Wednesday and Saturday

Calibration Days

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

Shelf Life

30 days from production date

Storage

At room temperature below 25°C, in lead shield

Packaging

A hard gelatine capsule in a polypropylene plastic tube within a lead shield and a polymethylmetalacrilate capsule ingestion apparatus in a box

Disposal of Waste Materials

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

MON.IYOT-131 Oral Kapsül Aktivite Tablosu / MON.IYOT-131 Oral Capsule Activity Table

GÜNLER / DAYS	MON-I ¹³¹ -CAP MICRO		MON-I ¹³¹ -CAP 5		MON-I ¹³¹ -CAP 10		MON-I ¹³¹ -CAP 25		MON-I ¹³¹ -CAP 50		MON-I ¹³¹ -CAP 100		MON-I ¹³¹ -CAP 150		MON-I ¹³¹ -CAP 200		
	mCi	MBq	mCi	MBq	mCi	MBq	mCi	MBq	mCi	MBq	mCi	MBq	mCi	MBq	mCi	MBq	
-7	Çarşamba/Wednesday	91.56	3.39	9.16	338.85	18.30	677.31	45.78	1,693.77	91.55	3,387.36	183.11	6,775.13	276.68	10,163.30	366.22	13,550.26
-6	Perşembe/Thursday	83.98	3.11	8.40	310.80	16.79	621.23	41.99	1,553.54	83.97	3,106.99	167.95	6,214.40	251.94	9,321.80	335.90	12,428.80
-5	Cuma/Friday	77.03	2.85	7.70	284.99	15.41	569.99	38.51	1,424.96	77.03	2,849.93	154.05	5,699.85	231.08	8,549.78	308.10	11,399.70
-4	Cumartesi/Saturday	70.65	2.61	7.07	261.41	14.13	522.81	35.33	1,307.03	70.65	2,614.05	141.30	5,228.10	211.95	7,842.15	282.60	10,456.20
-3	Pazar/Sunday	64.80	2.40	6.48	239.76	12.96	479.52	32.40	1,198.80	64.80	2,397.60	129.60	4,795.20	194.40	7,192.80	259.20	9,590.40
-2	Pazartesi/Monday	59.43	2.20	5.94	219.89	11.89	439.78	29.72	1,099.46	59.43	2,198.91	118.86	4,397.82	178.29	6,596.73	237.72	8,795.64
-1	Salı/Tuesday	54.51	2.02	5.45	201.69	10.90	403.37	27.26	1,008.44	54.51	2,016.87	109.02	4,033.74	163.53	6,050.61	218.04	8,067.48
0	Çarşamba/Wednesday	50.00	1.85	5.00	185.00	10.00	370.00	25.00	925.00	50.00	1,850.00	100.00	3,700.00	150.00	5,550.00	200.00	7,400.00
+1	Perşembe/Thursday	45.86	1.70	4.59	169.68	9.17	339.36	22.93	848.41	45.86	1,696.82	91.72	3,393.64	137.58	5,090.46	183.44	6,787.28
+2	Cuma/Friday	42.06	1.56	4.21	155.62	8.41	311.24	21.03	778.11	42.06	1,556.22	84.12	3,112.44	126.18	4,668.66	168.24	6,224.88
+3	Cumartesi/Saturday	38.58	1.43	3.86	142.73	7.72	285.46	19.29	713.64	38.58	1,427.28	77.15	2,854.55	115.73	4,281.83	154.30	5,709.10
+4	Pazar/Sunday	35.39	1.31	3.54	130.92	7.08	261.85	17.69	654.62	35.39	1,309.25	70.77	2,618.49	106.16	3,927.74	141.54	5,236.98
+5	Pazartesi/Monday	32.46	1.20	3.25	120.08	6.49	240.17	16.23	600.42	32.46	1,200.84	64.91	2,401.67	97.37	3,602.51	129.82	4,803.34
+6	Salı/Tuesday	29.77	1.10	2.98	110.13	5.95	220.26	14.88	550.65	29.77	1,101.31	59.53	2,202.61	89.30	3,303.92	119.06	4,405.22
+7	Çarşamba/Wednesday	27.30	1.01	2.73	101.01	5.46	202.02	13.65	505.05	27.30	1,010.10	54.60	2,020.20	81.90	3,030.30	109.20	4,040.40
+8	Perşembe/Thursday	25.04	0.93	2.50	92.65	5.01	185.30	12.52	463.24	25.04	926.48	50.08	1,852.96	75.12	2,779.44	100.16	3,705.92
+9	Cuma/Friday	22.97	0.85	2.30	84.97	4.59	169.94	11.48	424.85	22.97	849.71	45.93	1,699.41	68.90	2,549.12	91.86	3,398.82
+10	Cumartesi/Saturday	21.07	0.78	2.11	77.94	4.21	155.88	10.53	389.70	21.07	779.41	42.13	1,558.81	63.20	2,338.22	84.26	3,117.62
+11	Pazar/Sunday	19.32	0.71	1.93	71.48	3.86	142.97	9.66	357.42	19.32	714.84	38.64	1,429.68	57.96	2,144.52	77.28	2,859.36
+12	Pazartesi/Monday	17.72	0.66	1.77	65.56	3.54	131.13	8.86	327.82	17.72	655.64	35.44	1,311.98	53.16	1,966.92	70.88	2,622.56
+13	Salı/Tuesday	16.26	0.60	1.63	60.14	3.25	120.29	8.13	300.72	16.26	601.44	32.51	1,202.87	48.77	1,804.31	65.02	2,405.74
+14	Çarşamba/Wednesday	14.91	0.55	1.49	55.15	2.98	110.30	7.45	275.74	14.91	551.49	29.81	1,102.97	44.72	1,654.46	59.62	2,205.94
+15	Perşembe/Thursday	13.68	0.51	1.37	50.60	2.74	101.20	6.84	252.99	13.68	505.98	27.35	1,011.95	54.70	1,517.93	54.70	2,023.90
+16	Cuma/Friday	12.54	0.46	1.25	46.40	2.51	92.80	6.27	231.99	12.54	463.98	25.08	927.96	50.16	1,391.94	50.16	1,855.92
+17	Cumartesi/Saturday	11.50	0.43	1.15	42.55	2.30	85.10	5.75	212.75	11.50	425.50	23.00	851.00	46.00	1,276.50	46.00	1,702.00
+18	Pazar/Sunday	10.55	0.39	1.06	39.04	2.11	78.07	5.28	195.18	10.55	390.35	21.10	780.70	42.20	1,171.05	42.20	1,561.40
+19	Pazartesi/Monday	9.68	0.36	0.97	35.80	1.94	71.60	4.84	178.99	9.68	357.98	19.35	715.95	38.70	1,073.93	38.70	1,431.90
+20	Salı/Tuesday	8.88	0.33	0.89	32.84	1.78	65.68	4.44	164.19	8.88	328.38	17.75	656.75	35.50	985.13	35.50	1,313.50

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