

MOLECULES TO LIFE



MON. IYOT-131 IODINE-131 Oral Solution

Content

Oral solution containing sodium iodide (Na^{131}), sodium thiosulphate and sodium carbonate-bicarbonate buffer

Description

MON.IYOT-131 74 – 18500 MBq oral solution contains fission product radioactive iodine (131) as an active substance which has 8.02 days half life and used for diagnosis and treatment of thyroid diseases.

Calibration Activities

2 mCi (74 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), 60 mCi (2220 MBq), 75 mCi (2775 MBq), 80 mCi (2960 MBq), 100 mCi (3700 MBq), 125 mCi (4625 MBq), 150 mCi (5550 MBq), 175 mCi (6475 MBq), 200 mCi (7400 MBq), 250 mCi (9250 MBq), 300 mCi (11100 MBq), 400 mCi (14800 MBq), 500 mCi (18500 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

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.

MON.IYOT-131 Oral Çözelti Aktivite Tablosu / MON.IYOT-131 Oral Solution Activity Table

GÜNLER / DAYS	MON-I ¹³¹ -SOL 5		MON-I ¹³¹ -SOL 10		MON-I ¹³¹ -SOL 25		MON-I ¹³¹ -SOL 50		MON-I ¹³¹ -SOL 100		MON-I ¹³¹ -SOL 150		MON-I ¹³¹ -SOL 200		MON-I ¹³¹ -SOL 400		MON-I ¹³¹ -SOL 500	
	mCi	MBq	mCi	MBq	mCi	MBq	mCi	MBq	mCi	MBq	mCi	MBq	mCi	MBq	mCi	MBq	mCi	MBq
-7 Çarşamba/Wednesday	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	732.44	27,100.28	915.55	33,875.35
-6 Perşembe/Thursday	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	671.80	24,856.60	839.75	31,070.75
-5 Cuma/Friday	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	616.20	22,799.40	770.25	28,499.25
-4 Cumartesi/Saturday	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	565.20	20,912.40	706.50	26,140.50
-3 Pazar/Sunday	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	518.40	19,180.80	648.00	23,976.00
-2 Pazartesi/Monday	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	475.44	17,591.28	594.30	21,989.10
-1 Salı/Tuesday	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	436.08	16,134.96	545.10	20,168.70
0 Çarşamba/Wednesday	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	400.00	14,800.00	500.00	18,500.00
+1 Perşembe/Thursday	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	366.88	13,574.56	458.60	16,968.20
+2 Cuma/Friday	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	336.48	12,449.76	420.60	15,562.20
+3 Cumartesi/Saturday	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	308.60	11,418.20	385.75	14,272.75
+4 Pazar/Sunday	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	283.08	10,473.96	353.85	13,092.45
+5 Pazartesi/Monday	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	259.64	9,606.68	324.55	12,008.35
+6 Salı/Tuesday	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	238.12	8,801.44	297.65	11,013.05
+7 Çarşamba/Wednesday	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	218.40	8,080.80	273.00	10,101.00
+8 Perşembe/Thursday	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	200.32	7,411.84	250.40	9,264.80
+9 Cuma/Friday	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	183.72	6,797.64	229.65	8,497.05
+10 Cumartesi/Saturday	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	168.52	6,235.24	210.65	7,794.05
+11 Pazar/Sunday	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	154.56	5,718.72	193.20	7,148.40
+12 Pazartesi/Monday	1.77	65.56	3.54	131.13	8.86	327.82	17.72	655.64	35.44	1,311.28	53.16	1,966.92	70.88	2,622.56	141.56	5,245.12	177.20	6,556.40
+13 Salı/Tuesday	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	2,400.74	130.04	4,811.48	162.55	6,014.35
+14 Çarşamba/Wednesday	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	119.24	4,411.88	149.05	5,514.85
+15 Perşembe/Thursday	1.37	50.60	2.74	101.20	6.84	252.99	13.68	505.98	27.35	1,011.95	41.03	1,517.93	54.70	2,023.90	109.40	4,047.80	136.75	5,059.75
+16 Cuma/Friday	1.25	46.40	2.51	92.80	6.27	231.99	12.54	463.98	25.08	927.96	37.62	1,391.94	50.16	1,855.92	100.32	3,711.84	125.40	4,639.80
+17 Cumartesi/Saturday	1.15	42.55	2.30	85.10	5.75	212.75	11.50	425.50	23.00	851.00	34.50	1,276.50	46.00	1,702.00	92.00	3,404.00	115.00	4,255.00
+18 Pazar/Sunday	1.06	39.04	2.11	78.07	5.28	195.18	10.55	390.35	21.10	780.70	31.65	1,171.05	42.20	1,561.40	84.40	3,122.80	105.50	3,903.50
+19 Pazartesi/Monday	0.97	35.80	1.94	71.60	4.84	178.99	9.68	357.98	19.35	715.95	29.03	1,073.93	38.70	1,431.90	77.40	2,863.80	96.75	3,579.75
+20 Salı/Tuesday	0.89	32.84	1.78	65.68	4.44	164.19	8.88	328.38	17.75	656.75	26.63	985.13	35.50	1,315.50	71.00	2,627.00	88.75	3,283.75

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