

data	Datetime	Campanha	Local	oxigênio-18	D	dexcess	T	P	R	RH	Z	LWC	MRr	w	BT
02/03/2023	02/03/2023 10:05	CMP1	Manaus	-3.09	-11.99	12.70	28.96		1.60	82.61					-11.90
02/03/2023	02/03/2023 10:10	CMP1	Manaus	-2.99	-10.45	13.46	26.49		1.00	92.41					
02/03/2023	02/03/2023 10:15	CMP1	Manaus	-2.76	-9.31	12.74	26.08		0.60	93.37					-8.90
02/03/2023	02/03/2023 10:25	CMP1	Manaus	-1.53	-3.83	8.44	26.64		0.00	93.36					5.20
02/03/2023	02/03/2023 12:48	CMP1	Manaus	-3.31	-11.47	14.97	30.71		2.00	75.80					-1.80
02/03/2023	02/03/2023 12:53	CMP1	Manaus	-4.69	-21.94	15.61	24.63		4.40	90.97					
02/03/2023	02/03/2023 12:58	CMP1	Manaus	-5.01	-27.73	12.33	22.97		2.60	96.79					-11.90
02/03/2023	02/03/2023 13:03	CMP1	Manaus	-5.17	-32.65	8.72	22.77		1.80	97.70					
02/03/2023	02/03/2023 13:08	CMP1	Manaus	-5.16	-34.26	7.06	22.87		1.00	98.33					-23.60
02/03/2023	02/03/2023 13:13	CMP1	Manaus	-4.12	-27.73	5.23	23.07		1.00	98.36					
02/03/2023	02/03/2023 13:18	CMP1	Manaus	-3.15	-20.01	5.22	23.22		0.40	98.25					-44.80
02/03/2023	02/03/2023 13:23	CMP1	Manaus	-3.15	-20.15	5.07	23.25		0.00	98.00					
02/03/2023	02/03/2023 13:28	CMP1	Manaus	-2.44	-14.74	4.81	23.43		0.20	98.09					-49.60
02/03/2023	02/03/2023 13:33	CMP1	Manaus	-2.54	-14.66	5.65	23.59		0.20	98.00					-59.90
03/03/2023	03/03/2023 10:30	CMP1	Manaus	-2.59	-11.75	8.95	30.05		0.00	75.20					21.10
03/03/2023	03/03/2023 10:35	CMP1	Manaus	-2.80	-12.47	9.95	30.39		0.00	75.12					21.80
06/03/2023	06/03/2023 09:31	CMP1	Manaus	-1.95	-4.94	10.69	26.86		0.20	85.94					-21.80
06/03/2023	06/03/2023 09:36	CMP1	Manaus	-2.36	-6.22	12.63	25.51		0.60	92.91					-27.10
06/03/2023	06/03/2023 14:34	CMP1	Manaus	-3.99	-24.28	7.61	28.28		0.10	77.99					-50.50
07/03/2023	07/03/2023 08:48	CMP1	Manaus	-2.60	-9.18	11.60	25.65		0.60	93.14	14.23	5.11			-1.90
07/03/2023	07/03/2023 08:53	CMP1	Manaus	-2.95	-10.36	13.26	25.04		2.80	95.18	22.20	6.08			
07/03/2023	07/03/2023 08:58	CMP1	Manaus	-2.88	-10.25	12.81	24.56		0.80	96.91	1.87	4.00			-1.10
07/03/2023	07/03/2023 09:03	CMP1	Manaus	-2.74	-9.71	12.25	24.40		0.20	97.94	-4.06	3.10			
07/03/2023	07/03/2023 09:08	CMP1	Manaus	-3.20	-11.83	13.80	24.47		2.00	98.90	23.02	6.39			-20.30
07/03/2023	07/03/2023 09:13	CMP1	Manaus	-3.23	-12.60	13.28	24.53		4.40	99.22	26.48	6.52			
07/03/2023	07/03/2023 09:18	CMP1	Manaus	-3.58	-15.70	12.94	24.29		5.00	99.24	27.86	7.02			-49.50
07/03/2023	07/03/2023 09:23	CMP1	Manaus	-4.06	-20.50	11.97	24.24		3.60	99.46	26.92	7.00			
07/03/2023	07/03/2023 09:28	CMP1	Manaus	-4.16	-22.14	11.10	24.21		2.40	99.68	23.04	6.64			-45.70
07/03/2023	07/03/2023 09:33	CMP1	Manaus	-3.76	-18.49	11.55	24.25		0.60	99.77	12.59	5.33			
07/03/2023	07/03/2023 09:38	CMP1	Manaus	-3.42	-15.79	11.59	24.17		0.60	99.64	8.83	5.01			-37.10

07/03/2023	07/03/2023 09:43	CMP1	Manaus	-3.24	-14.21	11.70	24.05		0.20	99.26	6.51	4.82			
07/03/2023	07/03/2023 09:48	CMP1	Manaus	-3.26	-13.87	12.18	24.13		0.40	99.54	11.99	5.35			-24.70
07/03/2023	07/03/2023 09:53	CMP1	Manaus	-3.56	-15.49	13.00	24.13		0.40	99.37	15.73	6.02			
07/03/2023	07/03/2023 09:58	CMP1	Manaus	-3.79	-16.69	13.62	24.17		0.60	99.49	15.32	5.78			-17.20
07/03/2023	07/03/2023 10:03	CMP1	Manaus	-4.43	-23.21	12.21	24.26		0.40	99.37	9.58	5.09			
07/03/2023	07/03/2023 10:08	CMP1	Manaus	-4.39	-23.79	11.32	24.28		0.20	97.84	1.68	4.23			-15.30
07/03/2023	07/03/2023 10:18	CMP1	Manaus	-4.49	-24.75	11.17	24.29		0.20	97.84	-4.96	3.51			-16.70
07/03/2023	07/03/2023 11:10	CMP1	Manaus	-6.13	-37.81	11.21	23.84		0.40	97.85	10.94	5.69			-46.40
07/03/2023	08/03/2023 11:20	CMP1	Manaus	-7.60	-49.74	11.03	23.57		0.80	98.08	10.93	5.68			-53.90
07/03/2023	09/03/2023 11:30	CMP1	Manaus	-7.98	-53.42	10.39	23.48		0.80	98.59	11.23	5.22			-55.00
07/03/2023	10/03/2023 11:40	CMP1	Manaus	-7.86	-53.18	9.71	23.54		0.20	98.76	7.93	5.19			-55.80
07/03/2023	11/03/2023 11:50	CMP1	Manaus	-7.73	-52.07	9.80	23.56		0.20	98.35	3.80	4.99			-55.80
09/03/2023	09/03/2023 15:47	CMP1	ATTO	-2.94	-14.41	9.11	28.92	99.53	1.60	83.39	41.28	7.37	1.42	26.23	-3.10
09/03/2023	09/03/2023 15:52	CMP1	ATTO	-2.75	-13.59	8.43	27.88	99.50	0.00	87.54	2.45	3.71	0.01	0.13	-7.30
10/03/2023	10/03/2023 04:46	CMP1	ATTO	-1.87	-1.15	13.78	23.97	99.83	1.20	99.63	33.15	6.72	1.23	18.49	-3.50
10/03/2023	10/03/2023 04:51	CMP1	ATTO	-1.60	-1.13	11.70	23.94	99.84	0.00	99.42	2.84	3.83	0.00	0.02	-2.40
10/03/2023	10/03/2023 05:11	CMP1	ATTO	-1.82	-3.90	10.63	23.73	99.83	0.20	99.25	6.15	3.69	0.01	0.14	-7.70
10/03/2023	10/03/2023 08:03	CMP1	ATTO	-3.74	-15.14	14.78	23.48	100.14	1.60	99.04	25.94	5.15	0.88	15.31	-56.10
10/03/2023	10/03/2023 08:11	CMP1	ATTO	-3.81	-16.30	14.18	23.20	100.16	0.80	98.32	29.83	5.21	0.43	6.16	
10/03/2023	10/03/2023 08:16	CMP1	ATTO	-4.26	-20.45	13.59	23.00	100.15	0.60	98.23	27.93	5.29	0.19	2.85	-55.20
10/03/2023	10/03/2023 08:21	CMP1	ATTO	-4.14	-19.17	13.99	22.85	100.16	0.40	98.19	19.51	4.29	0.07	0.82	
10/03/2023	10/03/2023 08:26	CMP1	ATTO	-4.17	-19.38	13.98	22.70	100.16	0.40	98.44	21.11	4.81	0.08	1.17	-51.90
10/03/2023	10/03/2023 08:31	CMP1	ATTO	-4.27	-20.40	13.78	22.64	100.15	0.00	98.51	19.50	4.07	0.08	0.90	
10/03/2023	10/03/2023 08:36	CMP1	ATTO	-4.89	-26.66	12.44	22.56	100.16	0.60	98.26	29.38	5.27	0.21	3.42	-48.10
10/03/2023	10/03/2023 08:41	CMP1	ATTO	-5.40	-30.79	12.41	22.50	100.15	0.60	98.18	30.41	5.54	0.21	3.59	
10/03/2023	10/03/2023 08:46	CMP1	ATTO	-5.66	-34.52	10.74	22.40	100.15	0.60	98.26	33.38	6.50	0.22	4.28	-43.10
10/03/2023	10/03/2023 08:51	CMP1	ATTO	-5.76	-35.60	10.49	22.40	100.16	0.20	98.70	33.19	7.28	0.16	3.07	
10/03/2023	10/03/2023 08:56	CMP1	ATTO	-6.16	-39.94	9.33	22.34	100.16	0.40	98.84	36.22	7.98	0.22	4.14	-38.40
10/03/2023	10/03/2023 09:01	CMP1	ATTO	-5.97	-38.13	9.62	22.28	100.16	0.00	98.75	28.62	7.15	0.05	1.04	
10/03/2023	10/03/2023 09:06	CMP1	ATTO	-5.74	-35.93	9.97	22.35	100.17	0.20	98.96	25.96	6.40	0.04	0.76	-46.50
10/03/2023	10/03/2023 09:16	CMP1	ATTO	-5.69	-35.05	10.47	22.40	100.17	0.20	99.00	27.59	6.47	0.05	1.02	-45.70

10/03/2023	10/03/2023 09:26	CMP1	ATTO	-6.09	-39.40	9.33	22.40	100.16	0.40	99.07	32.73	7.39	0.12	2.36	-44.60
10/03/2023	10/03/2023 09:36	CMP1	ATTO	-6.06	-39.24	9.24	22.46	100.15	0.40	99.22	31.41	7.20	0.10	2.03	-42.60
10/03/2023	10/03/2023 09:46	CMP1	ATTO	-5.89	-38.34	8.79	22.53	100.13	0.80	99.43	33.25	6.82	0.18	3.64	-39.10
10/03/2023	10/03/2023 09:56	CMP1	ATTO	-5.78	-37.62	8.59	22.62	100.12	0.40	99.39	32.72	6.84	0.14	2.92	-42.50
10/03/2023	10/03/2023 10:06	CMP1	ATTO	-6.30	-43.62	6.80	22.72	100.09	0.60	99.48	31.81	7.00	0.12	2.38	-41.40
10/03/2023	10/03/2023 10:16	CMP1	ATTO	-6.16	-43.79	5.53	22.75	100.07	0.20	99.41	28.10	6.32	0.07	1.33	-42.60
10/03/2023	10/03/2023 10:26	CMP1	ATTO	-6.23	-44.68	5.17	22.77	100.05	0.20	99.54	23.73	6.04	0.03	0.63	-37.30
10/03/2023	10/03/2023 10:36	CMP1	ATTO	-5.81	-41.58	4.94	22.80	100.04	0.20	99.47	21.22	5.89	0.02	0.35	-35.40
10/03/2023	10/03/2023 10:46	CMP1	ATTO	-5.72	-41.50	4.27	22.83	100.02	0.20	99.60	21.09	5.97	0.02	0.32	-39.20
10/03/2023	10/03/2023 10:58	CMP1	ATTO	-5.57	-40.92	3.65	22.98	100.00	0.00	99.53	15.68	5.39	0.01	0.13	-36.35
10/03/2023	10/03/2023 11:10	CMP1	ATTO	-5.17	-38.22	14.36	23.26	99.96	0.20	99.42	15.01	5.44	0.01	0.11	-36.37
10/03/2023	10/03/2023 22:47	CMP1	ATTO	-3.59	-18.79	21.44	24.43	99.86	0.60	99.49	25.27	5.28	0.42	7.66	-5.90
10/03/2023	10/03/2023 22:52	CMP1	ATTO	-3.51	-18.86	20.68	24.56	99.86	1.20	99.42	31.24	5.60	0.33	6.25	
10/03/2023	10/03/2023 22:57	CMP1	ATTO	-3.39	-19.18	20.32	24.54	99.86	0.20	99.48	7.99	3.74	0.02	0.26	-12.90
11/03/2023	11/03/2023 05:37	CMP1	ATTO	-4.08	-21.95	21.70	24.05	99.76	0.00	99.54	4.47	3.59	0.02	0.42	-1.10
11/03/2023	11/03/2023 11:02	CMP1	ATTO	-4.57	-27.67	19.65	27.47	99.93	0.60	90.47	27.98	5.22	0.24	4.50	-16.40
11/03/2023	11/03/2023 11:07	CMP1	ATTO	-4.62	-28.67	19.83	26.84	99.94	0.60	90.98	15.68	4.18	0.05	0.71	-12.60
11/03/2023	11/03/2023 11:12	CMP1	ATTO	-4.01	-24.11	19.12	26.63	99.92	0.00	92.34	11.16	3.83	0.02	0.30	-7.80
11/03/2023	11/03/2023 14:50	CMP1	ATTO	-4.16	-28.83	15.35	28.05	99.55	0.20	86.16	16.18	4.41	0.06	1.01	-50.20
12/03/2023	12/03/2023 04:35	CMP1	ATTO	-5.51	-33.33	20.69	23.98	99.75	0.20	99.53	21.43	3.93	0.15	1.56	-29.70
12/03/2023	12/03/2023 04:40	CMP1	ATTO	-6.09	-36.12	22.35	23.95	99.76	0.20	99.56	14.33	3.17	0.07	0.58	
12/03/2023	12/03/2023 04:45	CMP1	ATTO	-5.97	-35.63	22.06	23.98	99.77	0.20	99.58	3.92	2.24	0.01	0.08	-35.70
12/03/2023	12/03/2023 04:50	CMP1	ATTO	-6.16	-38.08	21.51	24.02	99.77	0.20	99.54	18.87	4.17	0.09	1.18	
12/03/2023	12/03/2023 04:55	CMP1	ATTO	-6.28	-37.67	22.26	24.04	99.78	0.20	99.56	9.97	3.99	0.02	0.37	-22.80
12/03/2023	12/03/2023 05:05	CMP1	ATTO	-6.17	-38.88	21.58	24.02	99.81	0.00	99.58	16.94	4.40	0.05	0.61	-21.40
12/03/2023	12/03/2023 05:15	CMP1	ATTO	-6.08	-37.41	21.93	24.01	99.83	0.20	99.50	5.50	2.63	0.01	0.09	-20.10
12/03/2023	12/03/2023 05:25	CMP1	ATTO	-6.09	-37.31	22.08	24.04	99.83	0.40	99.52	14.78	3.44	0.05	0.54	-12.10
12/03/2023	12/03/2023 05:35	CMP1	ATTO	-5.98	-37.62	21.04	24.01	99.84	0.00	99.60	-5.23	2.11	0.00	0.01	-3.70
12/03/2023	12/03/2023 06:27	CMP1	ATTO	-6.45	-39.87	22.09	23.94	99.90	1.40	99.62	25.21	4.59	0.26	4.49	-29.80
12/03/2023	12/03/2023 06:37	CMP1	ATTO	-7.37	-46.60	22.10	24.00	99.92	3.60	99.50	25.07	4.75	0.43	8.25	-35.40
12/03/2023	12/03/2023 06:47	CMP1	ATTO	-7.11	-45.98	21.28	23.91	99.94	0.40	99.53	10.69	3.56	0.04	0.52	-37.10

12/03/2023	12/03/2023 06:57	CMP1	ATTO	-7.04	-44.63	21.83	23.91	99.95	0.00	99.66	4.46	3.18	0.01	0.08	-32.70
12/03/2023	12/03/2023 07:07	CMP1	ATTO	-7.05	-43.98	22.53	23.97	99.97	0.40	99.57	10.70	3.31	0.02	0.25	-42.10
12/03/2023	12/03/2023 07:17	CMP1	ATTO	-6.85	-43.41	21.72	23.90	99.98	0.00	99.42	-4.58	2.49	0.00	0.00	-47.10
12/03/2023	12/03/2023 07:27	CMP1	ATTO	-6.74	-42.60	21.69	23.81	100.00	0.00	99.45	18.85	5.69	0.02	0.39	-50.80
12/03/2023	12/03/2023 07:37	CMP1	ATTO	-6.78	-41.98	22.57	23.76	100.03	0.20	99.55	12.14	5.05	0.01	0.15	-56.10
12/03/2023	12/03/2023 07:47	CMP1	ATTO	-6.54	-41.17	22.19	23.91	99.94	0.40	99.53	18.10	5.94	0.05	0.97	-59.70
12/03/2023	12/03/2023 07:57	CMP1	ATTO	-6.57	-40.62	22.43	23.91	99.95	0.00	99.66	35.12	6.69	0.27	5.34	-55.60
12/03/2023	12/03/2023 08:07	CMP1	ATTO	-6.66	-43.55	9.72	23.71	100.12	1.40	99.64	36.95	7.17	0.32	6.56	-60.70
12/03/2023	12/03/2023 08:17	CMP1	ATTO	-6.49	-42.31	9.62	23.70	100.13	0.80	99.43	31.48	6.85	0.14	2.94	-68.50
12/03/2023	12/03/2023 08:27	CMP1	ATTO	-6.27	-39.59	10.54	23.70	100.13	0.20	99.67	19.74	5.38	0.02	0.37	-69.50
12/03/2023	12/03/2023 08:37	CMP1	ATTO	-5.97	-37.41	10.34	23.75	100.14	0.20	99.50	19.14	5.27	0.02	0.32	-70.60
12/03/2023	12/03/2023 08:47	CMP1	ATTO	-6.05	-37.41	11.03	23.73	100.17	0.00	99.52	22.18	5.67	0.03	0.62	-67.50
12/03/2023	12/03/2023 08:57	CMP1	ATTO	-5.98	-36.50	11.32	23.76	100.17	0.40	99.55	26.07	5.84	0.06	1.16	-68.40
12/03/2023	12/03/2023 09:07	CMP1	ATTO	-5.81	-35.44	11.05	23.84	100.16	0.40	99.68	21.40	5.22	0.03	0.56	-64.60
12/03/2023	12/03/2023 09:17	CMP1	ATTO	-5.81	-35.75	10.70	23.93	100.16	0.20	99.51	20.09	5.22	0.02	0.40	-63.00
12/03/2023	12/03/2023 09:27	CMP1	ATTO	-5.73	-35.36	10.45	23.97	100.16	0.20	99.57	17.08	5.27	0.01	0.24	-60.40
12/03/2023	12/03/2023 09:37	CMP1	ATTO	-5.74	-35.19	10.72	24.05	100.16	0.00	99.56	8.69	4.30	0.00	0.05	-61.90
12/03/2023	12/03/2023 09:47	CMP1	ATTO	-5.60	-34.71	10.13	24.12	100.17	0.00	99.58	15.45	4.93	0.01	0.17	-62.50
12/03/2023	12/03/2023 09:57	CMP1	ATTO	-5.52	-34.09	10.03	24.10	100.19	0.00	99.50	8.79	4.78	0.00	0.06	-60.50
12/03/2023	12/03/2023 10:26	CMP1	ATTO	-5.65	-34.68	10.54	24.34	100.19	0.20	99.55	1.78	2.98	0.01	0.16	-55.30
13/03/2023	13/03/2023 15:40	CMP1	ATTO	-0.72	5.58	11.37	28.26	99.72	0.40	88.11	30.83	6.60	1.01	18.99	-14.00
13/03/2023	13/03/2023 15:45	CMP1	ATTO	0.23	9.22	7.34	27.84	99.73	1.40	88.15	35.21	7.24	0.41	8.17	-22.80
13/03/2023	13/03/2023 15:50	CMP1	ATTO	0.61	10.83	5.95	26.98	99.71	0.00	90.40	3.38	4.69	0.00	0.02	-30.70
13/03/2023	13/03/2023 19:28	CMP1	ATTO	0.10	11.04	10.22	24.50	99.90	0.20	98.87	24.22	5.43	0.06	1.04	-29.80
13/03/2023	13/03/2023 19:33	CMP1	ATTO	0.15	11.96	10.79	24.48	99.91	0.20	98.71	17.40	5.16	0.01	0.24	-50.30
13/03/2023	13/03/2023 20:43	CMP1	ATTO	-0.10	10.05	10.81	23.77	100.02	0.20	98.46	4.90	3.18	0.01	0.14	-44.50
15/03/2023	15/03/2023 08:56	CMP1	ATTO	-1.10	2.19	11.02	25.08	100.24	0.00	90.98	21.99	4.54	0.09	1.28	-51.00
15/03/2023	15/03/2023 09:01	CMP1	ATTO	-1.00	1.88	9.91	24.75	100.24	0.00	91.91	-1.38	2.79	0.00	0.02	-44.30
16/03/2023	16/03/2023 01:42	CMP1	ATTO	-0.29	6.37	8.71	23.65	99.87	0.40	98.63	22.51	4.59	0.08	1.31	-30.80
16/03/2023	16/03/2023 01:47	CMP1	ATTO	-0.19	5.14	6.65	23.64	99.85	0.80	98.49	26.13	5.07	0.10	1.79	-33.70
16/03/2023	16/03/2023 01:52	CMP1	ATTO	-0.11	5.88	6.76	23.62	99.85	0.20	98.74	21.80	5.26	0.04	0.68	

16/03/2023	16/03/2023 01:57	CMP1	ATTO	-0.10	6.11	6.90	23.64	99.85	0.00	98.83	20.82	4.76	0.04	0.64	-33.00
16/03/2023	16/03/2023 02:02	CMP1	ATTO	0.05	7.99	7.55	23.64	99.85	0.20	99.03	15.60	4.13	0.02	0.27	
16/03/2023	16/03/2023 02:07	CMP1	ATTO	0.07	8.24	7.72	23.60	99.85	0.00	99.27	4.77	3.68	0.00	0.05	-33.80
16/03/2023	16/03/2023 15:42	CMP1	ATTO	-3.06	-11.90	12.58	25.18	99.66	0.20	90.32	26.53	5.08	0.26	3.95	-75.70
16/03/2023	16/03/2023 15:47	CMP1	ATTO	-4.43	-20.44	15.00	24.62	99.69	3.00	93.19	45.63	7.60	2.26	43.59	-75.60
16/03/2023	16/03/2023 15:52	CMP1	ATTO	-5.05	-25.53	14.86	24.08	99.71	5.80	95.51	47.93	7.72	3.65	67.55	
16/03/2023	16/03/2023 15:57	CMP1	ATTO	-5.41	-29.33	13.95	23.63	99.73	6.40	96.12	49.59	7.99	4.65	87.67	-75.60
16/03/2023	16/03/2023 16:01	CMP1	ATTO	-5.83	-32.42	14.22	23.18	99.75	6.80	96.48	49.70	7.91	4.90	93.42	
16/03/2023	16/03/2023 16:05	CMP1	ATTO	-6.49	-37.67	14.23	22.97	99.75	6.60	97.39	49.12	7.90	4.18	80.86	
16/03/2023	16/03/2023 16:09	CMP1	ATTO	-6.77	-40.93	13.19	22.80	99.75	6.80	97.97	48.85	7.82	4.21	80.22	-78.30
16/03/2023	16/03/2023 16:13	CMP1	ATTO	-7.91	-50.63	12.63	22.75	99.74	4.40	98.27	47.65	7.86	2.91	56.90	
16/03/2023	16/03/2023 16:17	CMP1	ATTO	-8.40	-55.93	11.27	22.65	99.72	3.40	98.59	43.98	7.48	1.55	30.82	-75.20
16/03/2023	16/03/2023 16:21	CMP1	ATTO	-7.86	-53.07	9.82	22.73	99.70	1.60	98.60	42.73	7.64	1.05	21.02	
16/03/2023	16/03/2023 16:25	CMP1	ATTO	-6.75	-45.33	8.64	22.72	99.69	1.60	98.76	37.87	6.69	0.52	10.54	-72.90
16/03/2023	16/03/2023 16:30	CMP1	ATTO	-6.09	-39.01	9.73	22.70	99.69	0.80	98.80	31.88	5.92	0.21	4.00	
16/03/2023	16/03/2023 16:35	CMP1	ATTO	-6.17	-38.39	11.00	22.68	99.70	0.80	99.21	32.41	5.92	0.25	4.90	-67.60
16/03/2023	16/03/2023 16:40	CMP1	ATTO	-6.24	-39.60	10.35	22.70	99.69	0.80	99.31	31.28	5.88	0.18	3.60	
16/03/2023	16/03/2023 16:45	CMP1	ATTO	-6.08	-40.05	8.60	22.60	99.68	0.80	99.19	31.38	5.95	0.18	3.54	-60.70
16/03/2023	16/03/2023 16:50	CMP1	ATTO	-5.92	-39.25	8.11	22.60	99.68	0.40	99.33	26.88	5.47	0.10	1.77	
16/03/2023	16/03/2023 16:55	CMP1	ATTO	-5.82	-37.94	8.60	22.60	99.69	0.20	99.41	20.17	5.24	0.02	0.43	-68.10
16/03/2023	16/03/2023 17:00	CMP1	ATTO	-5.63	-36.59	8.45	22.68	99.68	0.00	99.50	18.30	5.24	0.02	0.28	
16/03/2023	16/03/2023 17:05	CMP1	ATTO	-5.56	-36.58	7.93	22.62	99.68	0.20	99.58	13.66	4.54	0.01	0.14	-68.50
16/03/2023	16/03/2023 17:10	CMP1	ATTO	-5.44	-35.19	8.34	22.66	99.68	0.00	99.41	14.13	4.74	0.01	0.14	
16/03/2023	16/03/2023 17:15	CMP1	ATTO	-5.34	-34.49	8.24	22.68	99.69	0.00	99.48	10.72	4.34	0.00	0.08	-66.50
25/01/2024	25/01/2024 18:25	CMP2	ATTO	-0.04	8.75	9.07	26.35	99.77	0.00	93.44					
25/01/2024	25/01/2024 18:30	CMP2	ATTO	-0.06	10.21	10.69	26.24	99.78	0.00	93.49					9.4
25/01/2024	25/01/2024 21:16	CMP2	ATTO	0.29	11.36	9.04	24.50	100.01	0.00	94.97					-2.7
25/01/2024	25/01/2024 21:21	CMP2	ATTO	0.33	10.66	8.02	24.52	100.00	0.20	94.98					
25/01/2024	25/01/2024 21:26	CMP2	ATTO	0.49	11.11	7.19	24.50	100.01	0.20	94.70					-1.9
26/01/2024	26/01/2024 00:16	CMP2	ATTO	0.30	10.34	7.94	24.38	100.00	0.00	97.39					-3.7
26/01/2024	26/01/2024 00:21	CMP2	ATTO	0.51	10.42	6.34	24.34	99.99	0.20	97.65					

26/01/2024	26/01/2024 00:26	CMP2	ATTO	0.31	10.24	7.76	24.30	99.99	0.00	97.75					
26/01/2024	26/01/2024 00:31	CMP2	ATTO	0.33	11.13	8.49	24.30	99.97	0.00	97.95					-3
26/01/2024	26/01/2024 00:36	CMP2	ATTO	0.32	11.25	8.69	24.22	99.96	0.20	97.83					
26/01/2024	26/01/2024 00:41	CMP2	ATTO	0.37	7.64	4.68	24.20	99.95	0.00	97.94					-2.2
26/01/2024	26/01/2024 00:46	CMP2	ATTO	0.61	10.84	5.96	24.20	99.94	0.00	98.14					
26/01/2024	26/01/2024 02:00	CMP2	ATTO	0.36	11.25	8.37	24.12	99.86	0.00	98.18					-8.9
26/01/2024	26/01/2024 02:05	CMP2	ATTO	0.48	11.24	7.40	24.10	99.85	0.00	98.07					
26/01/2024	26/01/2024 02:10	CMP2	ATTO	0.54	12.08	7.76	24.12	99.85	0.04	98.28					1.1
26/01/2024	26/01/2024 02:15	CMP2	ATTO	0.73	12.94	7.10	24.10	99.85	0.04	98.33					1
27/01/2024	27/01/2024 05:34	CMP2	ATTO	0.09	13.47	12.75	24.42	99.91	0.00	98.10	12.38	0.03	0.30	3.14	-13.7
27/01/2024	27/01/2024 05:39	CMP2	ATTO	-0.21	11.93	13.61	24.40	99.91	1.20	98.15	27.42	0.20	3.16	4.85	
27/01/2024	27/01/2024 05:44	CMP2	ATTO	-0.49	10.26	14.18	24.26	99.91	0.80	98.12	27.53	0.19	3.01	4.69	-14.3
27/01/2024	27/01/2024 05:49	CMP2	ATTO	-0.65	9.34	14.54	24.30	99.92	1.20	98.21	29.50	0.23	3.96	5.18	
27/01/2024	27/01/2024 05:54	CMP2	ATTO	-0.81	5.40	11.88	24.20	99.93	0.60	98.34	24.47	0.08	1.33	4.88	-15.4
27/01/2024	27/01/2024 05:59	CMP2	ATTO	-0.77	7.50	13.66	24.12	99.93	0.60	98.55	24.47	0.08	1.32	4.97	
27/01/2024	27/01/2024 06:04	CMP2	ATTO	-0.70	9.02	14.62	24.16	99.94	0.60	98.51	25.28	0.09	1.58	5.07	-15.4
27/01/2024	27/01/2024 06:09	CMP2	ATTO	-0.61	9.26	14.14	24.02	99.95	1.20	98.67	29.53	0.17	3.03	5.53	
27/01/2024	27/01/2024 06:14	CMP2	ATTO	-0.60	9.42	14.22	24.06	99.96	1.00	98.84	28.95	0.16	2.92	5.44	-14
27/01/2024	27/01/2024 06:19	CMP2	ATTO	-0.55	9.92	14.32	24.08	99.96	0.60	98.85	22.79	0.06	0.90	4.83	
27/01/2024	27/01/2024 06:24	CMP2	ATTO	-0.55	10.00	14.40	24.08	99.97	0.20	99.05	18.63	0.03	0.51	4.55	-14.9
27/01/2024	27/01/2024 06:29	CMP2	ATTO	-0.53	9.92	14.16	24.12	99.98	0.80	99.01	26.09	0.23	4.45	5.54	
27/01/2024	27/01/2024 06:34	CMP2	ATTO	-0.47	10.65	14.41	24.14	99.98	2.40	99.10	33.42	0.45	8.84	5.79	-15.6
27/01/2024	27/01/2024 06:39	CMP2	ATTO	-0.34	11.05	13.77	24.12	99.99	0.40	99.08	22.95	0.10	1.54	4.68	
27/01/2024	27/01/2024 06:44	CMP2	ATTO	-0.20	10.80	12.43	24.16	99.99	0.60	99.18	27.53	0.19	3.01	4.69	-14.4
27/01/2024	27/01/2024 06:49	CMP2	ATTO	-0.10	11.92	12.76	24.16	100.00	0.60	99.24	26.50	0.13	2.14	4.88	
27/01/2024	27/01/2024 06:54	CMP2	ATTO	-0.07	12.18	12.73	24.08	100.01	0.80	99.19	27.71	0.15	2.61	5.06	-14.2
27/01/2024	27/01/2024 06:59	CMP2	ATTO	0.02	12.46	12.28	24.14	100.02	0.20	99.16	23.03	0.08	1.19	4.58	
27/01/2024	27/01/2024 07:04	CMP2	ATTO	0.02	12.78	12.61	24.12	100.03	0.80	99.28	26.57	0.14	2.33	4.77	-12.6
27/01/2024	27/01/2024 07:09	CMP2	ATTO	0.07	13.37	12.78	24.18	100.05	0.40	99.26	23.69	0.08	1.22	4.76	
27/01/2024	27/01/2024 07:14	CMP2	ATTO	0.01	13.46	13.36	24.22	100.05	0.60	99.41	27.28	0.13	2.27	5.07	-13.8
27/01/2024	27/01/2024 07:19	CMP2	ATTO	-0.01	15.67	15.73	24.20	100.05	0.60	99.47	24.43	0.08	1.41	4.88	

27/01/2024	27/01/2024 07:24	CMP2	ATTO	0.39	15.58	12.47	24.26	100.06	0.60	99.31	24.65	0.08	1.27	5.06	-13.4
27/01/2024	27/01/2024 07:29	CMP2	ATTO	-0.08	14.00	14.67	24.36	100.08	0.20	99.37	20.11	0.04	0.61	4.42	
27/01/2024	27/01/2024 07:34	CMP2	ATTO	-0.29	10.80	13.09	24.32	100.10	0.20	99.48	19.29	0.03	0.48	4.49	-13.1
27/01/2024	27/01/2024 07:39	CMP2	ATTO	-0.34	11.33	14.08	24.30	100.10	0.20	99.53	19.03	0.03	0.39	4.68	
27/01/2024	27/01/2024 07:44	CMP2	ATTO	-0.33	12.56	15.19	24.35	100.10	0.20	99.50	20.02	0.03	0.49	4.90	-12.9
27/01/2024	27/01/2024 07:49	CMP2	ATTO	-0.15	12.35	13.55	24.36	100.12	0.00	99.44	19.41	0.02	0.34	5.33	
27/01/2024	27/01/2024 07:59	CMP2	ATTO	-0.05	11.97	12.39	24.37	100.13	0.40	99.44	18.01	0.04	0.65	4.62	-12.1
27/01/2024	27/01/2024 08:09	CMP2	ATTO	0.03	12.95	12.70	24.36	100.16	0.00	99.44	15.53	0.02	0.32	4.87	-12.4
27/01/2024	27/01/2024 08:19	CMP2	ATTO	0.03	12.53	12.30	24.40	100.18	0.20	99.46	13.68	0.03	0.31	3.46	-15
27/01/2024	27/01/2024 08:24	CMP2	ATTO	-0.24	11.86	13.82	24.36	100.19	0.40	99.37	21.52	0.09	1.13	4.14	-19.3
27/01/2024	27/01/2024 08:29	CMP2	ATTO	-0.15	11.93	13.17	24.40	100.21	0.20	99.46	17.73	0.06	0.73	3.67	
27/01/2024	27/01/2024 08:34	CMP2	ATTO	-0.29	11.19	13.54	24.40	100.21	0.20	99.40	19.88	0.07	0.89	4.07	-31
27/01/2024	27/01/2024 08:39	CMP2	ATTO	-0.15	11.24	12.43	24.34	100.21	0.60	99.42	26.26	0.15	2.26	4.83	
27/01/2024	27/01/2024 08:44	CMP2	ATTO	-0.08	12.16	12.82	24.38	100.22	0.40	99.32	24.84	0.11	1.78	4.76	-32.2
27/01/2024	27/01/2024 08:49	CMP2	ATTO	0.07	12.48	11.89	24.40	100.22	0.20	99.33	14.70	0.03	0.31	3.91	
27/01/2024	27/01/2024 08:59	CMP2	ATTO	0.19	13.24	11.69	24.36	100.23	0.00	99.27	10.42	0.01	0.12	3.71	-33.3
27/01/2024	27/01/2024 15:42	CMP2	ATTO	0.95	17.65	10.07	27.06	99.77	0.00	94.96	16.75	0.05	0.60	3.55	-11.2
27/01/2024	27/01/2024 15:47	CMP2	ATTO	-0.07	16.87	17.40	26.90	99.77	0.40	95.46	22.86	0.12	1.59	4.18	
27/01/2024	27/01/2024 21:50	CMP2	ATTO	-0.12	15.31	16.30	24.90	100.07	0.00	98.50	9.90	0.01	0.10	3.79	-2.9
27/01/2024	27/01/2024 22:05	CMP2	ATTO	-0.76	13.05	19.09	24.81	100.07	0.20	98.20	10.60	0.01	0.12	3.95	-6.2
30/01/2024	30/01/2024 18:41	CMP2	ATTO	-2.89	-3.48	19.68	27.18	99.77	0.00	91.24	10.33	0.02	0.27	4.16	1.3
30/01/2024	30/01/2024 18:46	CMP2	ATTO	-2.95	-6.20	17.39	27.12	99.78	0.40	90.22	30.86	0.28	4.99	5.66	
30/01/2024	30/02/2024 18:51	CMP2	ATTO	-2.26	-9.67	8.42	26.78	99.79	0.60	90.39	26.34	0.19	3.28	4.96	-3.3
30/01/2024	30/02/2024 18:56	CMP2	ATTO	-2.24	-8.45	9.44	26.32	99.80	1.80	92.41	35.54	0.60	11.22	5.71	
30/01/2024	30/02/2024 19:01	CMP2	ATTO	-2.01	-6.04	10.04	25.94	99.78	0.20	93.44	22.10	0.09	1.21	4.24	-4.4
31/01/2024	31/01/2024 14:03	CMP2	ATTO	-4.05	-22.58	9.83	30.66	99.70	0.00	84.53	1.73	0.01	0.11	4.36	
31/01/2024	31/01/2024 14:08	CMP2	ATTO	-3.67	-22.28	7.11	29.67	99.72	5.40	86.14	46.52	3.78	58.33	8.65	-7.9
01/02/2024	01/02/2024 04:08	CMP2	ATTO	-4.83	-26.84	11.83	25.10	99.79	0.00	99.16	11.68	0.02	0.17	3.75	-30.9
01/02/2024	01/02/2024 04:13	CMP2	ATTO	-5.33	-32.49	10.15	25.06	99.80	0.80	99.14	32.59	0.33	6.23	6.34	
01/02/2024	01/02/2024 04:18	CMP2	ATTO	-5.90	-38.28	8.92	24.98	99.80	5.20	99.04	45.57	2.80	54.10	6.93	
01/02/2024	01/02/2024 04:23	CMP2	ATTO	-6.29	-38.99	11.30	24.86	99.79	5.00	98.74	44.88	2.56	49.16	6.78	-48.3

01/02/2024	01/02/2024 04:28	CMP2	ATTO	-6.14	-38.67	10.41	24.72	99.78	3.20	98.92	41.41	1.70	30.61	6.45	
01/02/2024	01/02/2024 04:33	CMP2	ATTO	-6.16	-36.94	12.34	24.60	99.79	1.80	98.92	38.34	0.99	17.84	5.98	-48.1
01/02/2024	01/02/2024 04:38	CMP2	ATTO	-5.91	-35.20	12.04	24.46	99.80	1.20	99.10	35.82	0.65	11.45	5.88	
01/02/2024	01/02/2024 04:43	CMP2	ATTO	-5.40	-30.97	12.21	24.30	99.80	0.60	99.07	30.71	0.29	4.62	5.35	-45.6
01/02/2024	01/02/2024 04:48	CMP2	ATTO	-4.84	-27.39	11.32	24.22	99.80	0.60	99.15	29.96	0.22	3.77	5.34	
01/02/2024	01/02/2024 04:53	CMP2	ATTO	-4.92	-28.60	10.79	24.22	99.80	0.20	99.08	23.68	0.10	1.50	4.74	-46.9
01/02/2024	01/02/2024 05:03	CMP2	ATTO	-4.63	-25.21	11.81	24.29	99.83	0.20	99.49	12.15	0.01	0.18	4.09	-51.8
01/02/2024	01/02/2024 05:13	CMP2	ATTO	-4.39	-23.67	11.41	24.34	99.84	0.40	99.46	26.03	0.07	1.33	5.56	-63
01/02/2024	01/02/2024 05:23	CMP2	ATTO	-4.52	-23.80	12.34	24.32	99.84	0.20	99.48	22.91	0.03	0.64	5.91	-52.9
01/02/2024	01/02/2024 05:33	CMP2	ATTO	-4.63	-24.42	12.60	24.39	99.85	0.00	99.39	22.78	0.04	0.66	5.54	-53.9
01/02/2024	01/02/2024 05:43	CMP2	ATTO	-4.72	-26.12	11.68	24.40	99.84	0.20	99.56	16.81	0.02	0.24	4.92	-56.5
01/02/2024	01/02/2024 05:58	CMP2	ATTO	-4.67	-27.81	9.54	24.42	99.85	0.20	99.41	24.70	0.03	0.63	6.77	-55.8
01/02/2024	01/02/2024 06:13	CMP2	ATTO	-4.04	-24.09	8.22	24.44	99.87	0.40	99.42	26.22	0.05	0.99	6.05	-52
01/02/2024	01/02/2024 17:14	CMP2	ATTO	-1.75	-5.15	8.83	26.34	99.83	0.00	97.73	18.62	0.06	0.79	4.10	-27.6
01/02/2024	01/02/2024 17:24	CMP2	ATTO	-1.44	-5.36	6.18	26.26	99.83	0.60	97.81	20.63	0.09	1.13	3.88	-23.4
01/02/2024	01/02/2024 20:04	CMP2	ATTO	-1.45	-4.45	7.13	25.18	100.02	0.00	99.56	-7.90	0.00	0.00	2.08	-11.8
01/02/2024	01/02/2024 20:09	CMP2	ATTO	-1.28	-5.09	5.16	25.18	100.02	0.00	99.56	-9.78	0.00	0.00	2.88	
01/02/2024	01/02/2024 20:14	CMP2	ATTO	-1.41	-3.74	7.56	25.14	100.03	0.00	99.55	-8.44	0.00	0.00	2.35	-14.3
02/02/2024	02/02/2024 17:47	CMP2	ATTO	-2.91	-14.67	8.60	25.98	99.75	0.00	91.78	0.00	0.03	0.31	3.54	-65.8
02/02/2024	02/02/2024 17:57	CMP2	ATTO	-2.78	-14.34	7.93	25.81	99.77	1.00	93.17	28.62	0.34	4.82	2.66	-69.7
02/02/2024	02/02/2024 18:07	CMP2	ATTO	-2.65	-12.37	8.86	25.39	99.76	0.20	95.02	12.65	0.03	0.28	5.49	-71.4
02/02/2024	02/02/2024 18:29	CMP2	ATTO	-2.84	-11.44	11.30	25.22	99.81	0.00	96.67	9.69	0.01	0.11	3.81	-65.7
02/02/2024	02/02/2024 19:14	CMP2	ATTO	-2.89	-11.94	11.21	24.90	99.88	0.40	97.08	4.25	0.01	0.19	4.88	-65.1
02/02/2024	02/02/2024 19:24	CMP2	ATTO	-2.90	-10.75	12.47	24.72	99.90	0.20	97.99	27.93	0.07	1.43	6.13	-63.8
02/02/2024	02/02/2024 19:34	CMP2	ATTO	-2.72	-10.89	10.88	24.75	99.91	0.20	98.01	25.32	0.04	0.81	5.12	-60.7
02/02/2024	02/02/2024 19:44	CMP2	ATTO	-2.50	-10.22	9.76	24.76	99.90	0.20	98.24	27.56	0.07	1.40	5.57	-51.2
02/02/2024	02/02/2024 19:54	CMP2	ATTO	-2.30	-9.08	9.30	24.72	99.91	0.20	98.35	19.81	0.03	0.47	5.12	-40.8
05/02/2024	05/02/2024 02:42	CMP2	ATTO	-1.24	2.68	12.60	25.31	99.76	0.40	95.84	23.10	0.18	3.20	4.91	-9.1
06/02/2024	06/02/2024 15:03	CMP2	ATTO	0.52	11.36	7.17	31.02	99.62	0.00	82.63	15.27	0.12	1.54	3.95	-15.7
06/02/2024	06/02/2024 15:13	CMP2	ATTO	-0.18	8.10	9.51	30.21	99.65	2.40	85.14	35.82	1.41	20.86	5.47	-18.1
06/02/2024	06/02/2024 15:18	CMP2	ATTO	-0.16	8.23	9.47	28.18	99.71	5.40	89.70	47.17	3.95	72.03	7.61	

06/02/2024	06/02/2024 15:20	CMP2	ATTO	-0.31	9.91	12.36	27.40	99.67	1.20	92.51	36.20	0.77	15.33	6.27	-36.3
06/02/2024	06/02/2024 15:22	CMP2	ATTO	-0.09	10.80	11.52	27.13	99.65	0.60	93.09	31.89	0.26	4.99	5.96	
07/02/2024	07/02/2024 12:20	CMP2	ATTO	1.04	15.39	7.08	29.38	100.02	0.00	84.76	-9.29	0.00	0.00	2.30	8.7
07/02/2024	07/02/2024 17:55	CMP2	ATTO	-1.33	5.08	15.71	27.52	99.65	0.00	90.64	12.02	0.32	5.82	4.92	-27.3
07/02/2024	07/02/2024 18:00	CMP2	ATTO	-0.76	3.36	9.40	26.98	99.69	3.80	92.52	42.33	2.19	30.46	7.22	-40.2
08/02/2024	08/02/2024 14:49	CMP2	ATTO	-0.05	15.25	15.69	27.34	99.61	8.20	94.79	18.77	0.11	1.80	5.31	19.1
08/02/2024	08/02/2024 14:54	CMP2	ATTO	0.19	15.23	13.69	26.12	99.59	4.00	94.99	41.73	1.04	20.28	7.27	7.5
08/02/2024	08/02/2024 14:59	CMP2	ATTO	0.66	16.85	11.54	25.70	99.57	0.60	96.05	30.12	0.17	3.37	6.07	
08/02/2024	08/02/2024 15:40	CMP2	ATTO	-1.30	10.03	20.41	25.48	99.51	0.00	98.04	-3.73	0.02	0.40	3.11	1.3
08/02/2024	08/02/2024 15:45	CMP2	ATTO	-2.00	9.18	25.18	25.58	99.52	0.00	98.32	46.69	13.77	96.96	7.39	
08/02/2024	08/02/2024 15:47	CMP2	ATTO	0.36	9.54	6.70	25.50	99.52	0.00	98.27	47.11	21.53	123.79	6.77	
08/02/2024	08/02/2024 15:49	CMP2	ATTO	0.20	8.55	6.93	25.55	99.52	0.00	98.43	44.32	3.97	43.50	7.05	
08/02/2024	08/02/2024 15:51	CMP2	ATTO	0.39	9.05	5.92	25.65	99.51	0.00	98.31	41.84	9.32	58.28	6.07	-25.3
08/02/2024	08/02/2024 15:53	CMP2	ATTO	0.44	8.92	5.37	25.55	99.50	0.00	98.43	42.30	1.64	31.75	7.13	
08/02/2024	08/02/2024 15:55	CMP2	ATTO	0.24	8.75	6.83	25.60	99.50	0.00	98.29	40.51	1.45	27.51	8.23	