


INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Valores promedio diarios)

PERMISIONARIO:	TRACTEBEL DIGAQRO, S.A. de C.V.	
PUNTO DE MEDICIÓN:	La Lira	
ZONA DE MEDICIÓN:	SUR	

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)	Azufre total* (mg/m ³)	Oxígeno* (% vol)
	83.0 MÍN.	3.0 MÁX.	6.0 MÁX.	6.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	36.8 MÍN.	47.3 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/01/2023	94.9231	0.9217	1.4709	2.3925	2.5225	196.7398	16.8100	37.6600	49.2900	0.7828	<10.8	0.00
02/01/2023	94.9995	0.9412	1.4701	2.4112	2.4636	197.2833	17.6800	37.6200	49.2600	0.7507		
03/01/2023	95.1740	0.9611	1.4568	2.4178	2.2818	201.8497	17.1000	37.5700	49.2200	0.7874		
04/01/2023	95.3512	0.9582	1.4932	2.4513	2.0970	200.0019	16.0100	37.4900	49.1500	0.8001		
05/01/2023	95.2322	0.9074	1.3083	2.2156	2.4189	198.2903	15.9500	37.6900	49.3900	0.7975		
06/01/2023	95.1631	0.9502	1.3323	2.2825	2.4217	198.8842	16.9400	37.6600	49.3400	0.7512		
07/01/2023	95.0582	0.9418	1.3834	2.3252	2.4530	200.5331	15.6100	37.6800	49.3300	0.7891		
08/01/2023	94.9957	1.0078	1.2890	2.2969	2.5490	213.6613	16.2100	37.7100	49.3500	0.8260		
09/01/2023	94.9151	1.0291	1.2079	2.2370	2.6813	221.6701	17.0000	37.7800	49.4100	0.7822		
10/01/2023	94.8190	0.7342	1.5617	2.2958	2.7516	204.6251	16.5300	37.7500	49.4300	0.5192		
11/01/2023	95.0120	1.1260	1.1549	2.2808	2.5534	211.1207	19.1700	37.7200	49.3300	0.8041		
12/01/2023	94.7731	1.0701	1.3193	2.3894	2.6269	211.3468	18.4200	37.7300	49.3000	0.9075		
13/01/2023	94.6791	0.9863	1.4130	2.3992	2.7065	213.6416	16.5200	37.7500	49.3200	0.7954		
14/01/2023	94.6926	0.9800	1.4320	2.4120	2.6921	207.7659	15.4000	37.7400	49.3200	0.7458		
15/01/2023	94.8268	1.0303	1.3914	2.4217	2.5637	211.6544	16.0600	37.6900	49.2700	0.7995		
16/01/2023	94.8135	1.1199	1.2954	2.4153	2.5834	212.8056	16.4700	37.6900	49.2600	0.9481		
17/01/2023	94.5949	1.0487	1.4069	2.4555	2.7705	211.5618	15.3900	37.7300	49.2700	0.9091		
18/01/2023	94.7656	1.1025	1.3087	2.4112	2.6343	216.4843	14.6000	37.7200	49.2700	0.9191		
19/01/2023	94.7621	0.9718	1.5150	2.4868	2.6328	204.0859	14.0200	37.6400	49.2300	0.8324		
20/01/2023	94.8763	1.0314	1.4470	2.4784	2.4936	213.9893	14.0900	37.6200	49.2100	0.7499		
21/01/2023	95.0139	1.0311	1.4798	2.5109	2.3397	204.1700	14.0800	37.5500	49.1500	1.0312		
22/01/2023	94.9744	1.0676	1.3715	2.4390	2.4753	192.9016	14.7000	37.6100	49.2000	1.2695		
23/01/2023	95.0016	0.8692	1.3913	2.2605	2.5519	197.3468	15.3600	37.7400	49.4100	0.8894		
24/01/2023	95.0833	0.9511	1.2802	2.2313	2.5643	195.5443	15.0300	37.7100	49.3900	0.8907		
25/01/2023	94.8193	0.9172	1.3332	2.2504	2.7385	201.7158	14.9500	37.8000	49.4400	0.8994		
26/01/2023	94.7428	0.8289	1.4145	2.2435	2.8188	199.4245	13.4100	37.8300	49.4800	0.8360		
27/01/2023	94.7619	0.8864	1.3809	2.2674	2.8114	195.9381	12.6900	37.7900	49.4400	0.9113		
28/01/2023	94.9126	0.8765	1.3630	2.2396	2.7084	197.9318	13.9600	37.7600	49.4300	0.8951		
29/01/2023	94.7218	0.8756	1.4012	2.2769	2.8382	199.4615	14.7800	37.8000	49.4400	0.9546		
30/01/2023	94.8289	0.8449	1.3979	2.2426	2.8018	194.2559	14.1500	37.7800	49.4500	0.8307		
31/01/2023	95.0353	0.9020	1.2990	2.2011	2.6326	195.5196	14.6800	37.7400	49.4400	0.9187		

*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

Mínimo	94.5949	0.7342	1.1549	2.2011	2.0970	192.9016	12.6900	37.4900	49.1500	0.5192		
Promedio	94.9136	0.9636	1.3797	2.3432	2.5864	203.9421	15.6055	37.7016	49.3297	0.8492		
Máximo	95.3512	1.1260	1.5617	2.5109	2.8382	221.6701	19.1700	37.8300	49.4800	1.2695		
Desv. Est.	0.17663	0.09082	0.08916	0.09453	0.17004	7.76803	1.47418	0.07870	0.09439	0.12084		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros Máximos diarios)

PERMISIONARIO: **TRACTEBEL DIGAQRO, S.A. de C.V.**
 PUNTO DE MEDICIÓN: **La Lira**
 ZONA DE MEDICIÓN: **SUR**



FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)	Azufre total* (mg/m ³)	Oxígeno* (% vol)
	83.0 MÍN.	3.0 MÁX.	6.0 MÁX.	6.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	43.6 MÁX.	53.2 MÁX.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/01/2023	95.9065	1.1457	1.6867	2.5173	2.9798	213.0263	18.4100	37.8500	49.4900	1.0650		
02/01/2023	95.3000	1.1189	1.5743	2.5025	2.6893	240.6483	19.0100	37.7500	49.3300	0.9028		
03/01/2023	95.4305	1.0514	1.5087	2.4705	2.5581	242.3495	18.2100	37.6800	49.3400	0.9388		
04/01/2023	95.4234	0.9973	1.5268	2.5061	2.3011	243.9483	17.6100	37.5800	49.2400	1.0470		
05/01/2023	95.5377	1.1631	1.6640	2.3918	3.3965	228.5277	18.2100	38.1600	49.9600	1.0380		
06/01/2023	95.3698	1.0087	1.5763	2.5449	2.7205	241.7858	18.0100	37.7600	49.4000	0.9478		
07/01/2023	95.2338	1.0399	1.4667	2.3970	2.6527	218.5794	16.8000	37.7500	49.3900	1.0740		
08/01/2023	95.0928	1.0663	1.3299	2.3162	2.7312	235.0441	17.2100	37.7800	49.3800	1.0470		
09/01/2023	95.2920	1.1233	1.5176	2.3393	2.8564	236.9613	18.0100	37.8500	49.5300	0.9749		
10/01/2023	95.0443	0.9324	1.7041	2.4119	2.9208	233.3490	18.2100	37.8300	49.5400	0.6415		
11/01/2023	95.2438	1.3159	1.3604	2.3939	2.9632	237.2606	21.7300	37.8900	49.5600	1.1010		
12/01/2023	94.9452	1.1632	1.4244	2.4388	2.7731	233.9126	19.4200	37.7800	49.3500	1.1641		
13/01/2023	94.8435	1.0531	1.4549	2.4384	2.7973	232.8343	18.0100	37.8000	49.3500	1.0019		
14/01/2023	94.7878	1.0319	1.4708	2.4470	2.8184	216.4830	16.3000	37.8100	49.3800	0.9478		
15/01/2023	94.9266	1.0612	1.4154	2.4480	2.7930	233.1411	17.3100	37.7900	49.3400	1.0019		
16/01/2023	94.9454	1.1517	1.3772	2.4661	2.8852	235.8346	17.9100	37.7700	49.3000	1.2542		
17/01/2023	94.7200	1.1200	1.4407	2.4893	2.8886	232.0238	16.5000	37.8100	49.3700	1.1731		
18/01/2023	94.9529	1.2037	1.3827	2.4513	2.8413	234.9759	15.7000	37.8200	49.3800	1.1641		
19/01/2023	94.8868	1.2031	1.6451	2.5441	2.8103	232.0764	15.8000	37.6900	49.2700	0.9929		
20/01/2023	95.0384	1.1808	1.5182	2.6238	3.2135	235.0742	14.9900	37.9900	49.6500	1.2902		
21/01/2023	95.1328	1.0901	1.5021	2.5803	2.5532	229.1668	14.9900	37.7000	49.2900	1.2001		
22/01/2023	95.2061	1.1610	1.4788	2.5648	2.7398	207.4595	15.5000	37.7200	49.3400	1.6687		
23/01/2023	95.1108	0.9608	1.4263	2.3419	2.6728	210.5916	16.3000	37.8100	49.4500	1.0920		
24/01/2023	95.3068	1.1388	1.4000	2.3215	2.7094	232.8592	15.8000	37.7600	49.5100	1.2182		
25/01/2023	95.1142	0.9724	1.4014	2.2924	2.9988	213.4680	16.2000	37.9300	49.5200	1.0830		
26/01/2023	95.0580	0.8896	1.5021	2.3147	3.1540	212.8334	14.7900	37.9200	49.5500	0.9749		
27/01/2023	94.9099	0.9438	1.4636	2.3644	2.9849	211.0890	13.5900	37.9600	49.5600	1.1190		
28/01/2023	95.1355	0.9687	1.4461	2.3377	2.9232	212.9066	14.7900	37.8500	49.5500	1.0380		
29/01/2023	94.9058	0.9455	1.5101	2.3518	3.0520	212.4864	15.8000	37.8700	49.5100	1.1821		
30/01/2023	95.1054	0.9152	1.4549	2.3184	3.0924	208.3051	15.2000	37.9000	49.5800	1.0199		
31/01/2023	95.2327	0.9858	1.3456	2.2694	2.7514	211.3930	15.5000	37.7900	49.5000	1.0920		


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Mínimo	94.7200	0.8896	1.3299	2.2694	2.3011	207.4595	13.5900	37.5800	49.2400	0.6415		
Promedio	95.1335	1.0678	1.4831	2.4257	2.8459	226.4643	16.8329	37.8177	49.4487	1.0792		
Máximo	95.9065	1.3159	1.7041	2.6238	3.3965	243.9483	21.7300	38.1600	49.9600	1.6687		
Desv. Est.	0.24623	0.10278	0.09693	0.09392	0.21317	11.99208	1.70608	0.10745	0.14310	0.16534		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros Mínimos diarios)

PERMISIONARIO:	TRACTEBEL DIGAQRO, S.A. de C.V.	
PUNTO DE MEDICIÓN:	La Lira	
ZONA DE MEDICIÓN:	SUR	

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)	Azufre total* (mg/m ³)	Oxígeno* (% vol)
	83.0 MÍN.	3.0 MÁX.	6.0 MÁX.	6.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	36.8 MÍN.	47.3 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/01/2023	94.4025	0.7704	1.0619	1.9648	1.9945	191.4081	15.0900	37.5900	49.1900	0.5334		
02/01/2023	94.6109	0.8232	1.3072	2.3250	2.2054	185.0162	16.3000	37.5300	49.1600	0.6325		
03/01/2023	94.9724	0.8891	1.3189	2.2913	2.0145	192.0661	15.7000	37.4700	49.1500	0.5964		
04/01/2023	95.1920	0.9258	1.4424	2.3902	2.0134	190.5845	14.0900	37.4400	49.1000	0.5694		
05/01/2023	94.6607	0.5773	1.1116	1.7415	2.0585	190.2029	13.9900	37.5200	49.1800	0.5153		
06/01/2023	94.8464	0.9160	1.2548	2.2283	2.2503	190.9843	15.9000	37.5800	49.1700	0.4883		
07/01/2023	94.8661	0.8415	1.2688	2.2744	2.3594	190.7333	14.3900	37.6100	49.2700	0.5244		
08/01/2023	94.7722	0.9707	1.2343	2.2718	2.4435	197.7669	15.2000	37.6800	49.3100	0.5424		
09/01/2023	94.7304	0.7352	0.9800	2.0424	2.4850	200.7546	16.1000	37.7000	49.3100	0.4883		
10/01/2023	94.6010	0.6574	1.1840	2.1081	2.5448	194.8033	14.5900	37.6700	49.3200	0.3982		
11/01/2023	94.7744	0.8970	1.0572	2.0863	2.3581	196.4221	14.6900	37.6300	49.2100	0.4072		
12/01/2023	94.6026	0.9686	1.1892	2.3373	2.4861	198.3605	17.6100	37.6900	49.2700	0.6235		
13/01/2023	94.5512	0.9425	1.3753	2.3593	2.5769	197.9145	14.7900	37.7000	49.2900	0.5694		
14/01/2023	94.5563	0.9483	1.3563	2.3817	2.6221	197.8446	14.5900	37.6800	49.2800	0.4793		
15/01/2023	94.5694	1.0121	1.3437	2.3799	2.4819	198.4407	14.5900	37.6500	49.2400	0.4162		
16/01/2023	94.4563	1.0612	1.2482	2.3711	2.4713	197.7536	15.0900	37.6500	49.2300	0.6235		
17/01/2023	94.4051	1.0000	1.3495	2.3803	2.6740	196.5681	14.0900	37.6700	49.2200	0.5514		
18/01/2023	94.4927	0.9878	1.2215	2.3566	2.4782	207.9700	13.6900	37.6400	49.2000	0.5604		
19/01/2023	94.5688	0.8849	1.2134	2.3992	2.5397	194.7458	12.0800	37.6000	49.2000	0.5964		
20/01/2023	94.5227	0.8060	1.2641	2.0880	2.2065	196.8852	12.1800	37.4700	49.0200	0.5964		
21/01/2023	94.8213	0.9510	1.4212	2.4098	2.2021	191.1759	12.7800	37.4900	49.0700	0.8127		
22/01/2023	94.7579	0.9607	1.3329	2.3390	2.1404	190.7128	13.4900	37.4700	49.0600	0.8217		
23/01/2023	94.8226	0.8396	1.3633	2.2146	2.4468	193.1177	14.2900	37.7000	49.3300	0.6775		
24/01/2023	94.9216	0.8349	1.0073	2.0898	2.4286	189.1483	14.1900	37.6700	49.3300	0.6775		
25/01/2023	94.5021	0.8610	1.3059	2.1925	2.4632	195.1595	13.7900	37.6800	49.3400	0.5874		
26/01/2023	94.3940	0.7837	1.3264	2.1818	2.5037	194.0868	11.8800	37.7300	49.4100	0.6956		
27/01/2023	94.5006	0.8331	1.3228	2.2033	2.6763	192.4262	11.8800	37.7400	49.3600	0.7316		
28/01/2023	94.6997	0.7623	1.2762	2.1168	2.5172	191.9069	12.8800	37.6900	49.3600	0.7767		
29/01/2023	94.5374	0.7997	1.3212	2.1950	2.6785	192.2541	13.6900	37.7100	49.3700	0.6055		
30/01/2023	94.6067	0.7386	1.2409	2.1361	2.6228	191.7852	12.6800	37.7400	49.3800	0.6145		
31/01/2023	94.8820	0.8435	1.2127	2.1247	2.4838	189.3089	13.8900	37.6800	49.3600	0.5964		

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Mínimo	94.3940	0.5773	0.9800	1.7415	1.9945	185.0162	11.8800	37.4400	49.0200	0.3982		
Promedio	94.6645	0.8653	1.2553	2.2252	2.4009	194.1390	14.1997	37.6281	49.2481	0.5906		
Máximo	95.1920	1.0612	1.4424	2.4098	2.6785	207.9700	17.6100	37.7400	49.4100	0.8217		
Desv. Est.	0.18939	0.10817	0.11473	0.15326	0.20489	4.38777	1.35679	0.08908	0.10235	0.10671		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.