

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.
01/09/2021	95.4024	0.5113	1.2712	1.7826	2.6919	202.1310	15.2300	37.9200	49.8100	0.0850		
02/09/2021	95.6228	0.5146	1.2588	1.7734	2.4904	196.3391	15.8300	37.8600	49.7900	0.0675		
03/09/2021	95.4267	0.5188	1.2191	1.7379	2.7241	195.4122	16.1300	37.9400	49.8400	0.0881		
04/09/2021	95.1356	0.4905	1.2709	1.7614	2.9892	194.7411	16.1800	38.0100	49.8800	0.0714		
05/09/2021	95.0293	0.4932	1.2490	1.7422	3.1130	195.0562	16.5800	38.0500	49.9100	0.0461		
06/09/2021	94.8251	0.4802	1.2871	1.7673	3.2748	197.5158	17.5600	38.1000	49.9300	0.0519		
07/09/2021	94.8278	0.5048	1.1958	1.7006	3.3354	204.6700	16.8500	38.1400	49.9800	0.0910		
08/09/2021	94.9692	0.5360	1.1951	1.7311	3.1464	252.0281	19.2000	38.1000	49.9400	0.1174		
09/09/2021	95.2358	0.4796	1.2351	1.7148	2.9199	222.6787	18.9000	38.0200	49.9100	0.0845		
10/09/2021	94.9998	0.4294	1.3243	1.7537	3.1191	202.1976	17.4200	38.0500	49.9300	0.0737		
11/09/2021	94.7640	0.3820	1.4522	1.8341	3.2746	197.5382	15.2400	38.0600	49.9100	0.0579		
12/09/2021	94.7585	0.3990	1.4049	1.8040	3.3090	198.8887	14.2000	38.0900	49.9300	0.0603		
13/09/2021	94.3063	0.3853	1.5633	1.9485	3.6156	199.3185	13.3300	38.1200	49.8900	0.0719		
14/09/2021	94.2155	0.4053	1.5288	1.9340	3.7116	221.9780	13.2000	38.1600	49.9200	0.0691		
15/09/2021	94.1966	0.4359	1.4984	1.9344	3.7193	249.4430	14.3900	38.1800	49.9100	0.0735		
16/09/2021	94.2796	0.4752	1.4413	1.9165	3.6662	214.2782	15.2900	38.1600	49.9000	0.0924		
17/09/2021	94.5973	0.4736	1.3507	1.8243	3.4438	203.3365	15.4700	38.1300	49.9200	0.0588		
18/09/2021	94.5013	0.4176	1.4312	1.8489	3.5348	195.3882	14.2300	38.1300	49.9300	0.0529		
19/09/2021	94.5367	0.4385	1.3868	1.8253	3.5240	191.6610	12.8900	38.1300	49.9300	0.0863		
20/09/2021	94.1419	0.3758	1.5612	1.9370	3.7933	192.8023	11.7300	38.1800	49.9300	0.0555		
21/09/2021	94.0637	0.3828	1.5456	1.9284	3.8655	193.4233	11.1900	38.2100	49.9400	0.0787		
22/09/2021	94.1365	0.4220	1.5206	1.9427	3.7840	202.0429	11.8200	38.1800	49.9200	0.0604		
23/09/2021	94.2475	0.4202	1.5295	1.9496	3.6709	198.5904	13.3600	38.1400	49.8900	0.0605		
24/09/2021	94.3505	0.4349	1.4603	1.8953	3.6284	193.8837	14.6700	38.1400	49.9200	0.0870		
25/09/2021	94.4150	0.3871	1.5223	1.9094	3.5583	192.6142	14.0500	38.1200	49.9100	0.0641		
26/09/2021	94.7174	0.4244	1.4688	1.8932	3.2741	194.9142	13.4100	38.0400	49.8500	0.0550		
27/09/2021	94.9497	0.4612	1.4331	1.8943	3.0188	223.0212	13.3200	37.9800	49.8100	0.0618		
28/09/2021	95.1046	0.4201	1.4988	1.9190	2.8636	213.2771	13.4900	37.9100	49.7700	0.0615		
29/09/2021	95.2572	0.4043	1.4414	1.8457	2.7786	208.7141	12.2600	37.9200	49.8100	0.0554		
30/09/2021	95.2649	0.3981	1.5243	1.9225	2.7080	203.2897	12.4900	37.8600	49.7400	0.0527		

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

Mínimo	94.0637	0.3758	1.1951	1.7006	2.4904	191.6610	11.1900	37.8600	49.7400	0.0461		
Promedio	94.7426	0.4434	1.4023	1.8457	3.2849	205.0391	14.6637	38.0677	49.8883	0.0697		
Máximo	95.6228	0.5360	1.5633	1.9496	3.8655	252.0281	19.2000	38.2100	49.9800	0.1174		
Desv. Est.	0.44722	0.04763	0.12159	0.08229	0.38916	15.35402	2.06870	0.10109	0.05831	0.01606		

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.
01/09/2021	95.7800	0.6552	1.3440	1.8504	2.8369	217.1703	15.9000	37.9600	49.8600	0.1639		
02/09/2021	95.7621	0.5541	1.3004	1.8079	2.6807	210.2722	16.5000	37.9400	49.9000	0.1369		
03/09/2021	95.5953	0.6990	1.2808	1.9126	2.8877	207.1854	17.2100	37.9900	49.9000	0.1459		
04/09/2021	95.5579	0.5915	1.3315	1.8327	3.1661	205.9964	17.6100	38.0700	49.9400	0.1549		
05/09/2021	95.2430	0.5164	1.3392	1.7999	3.3133	204.1269	17.5100	38.1200	49.9700	0.1009		
06/09/2021	95.0908	0.5162	1.3735	1.8576	3.4008	213.7027	18.8100	38.1800	50.0700	0.0919		
07/09/2021	95.1331	0.6513	1.2989	1.8286	3.7641	248.5296	17.7100	38.2800	50.1000	0.2090		
08/09/2021	95.1703	0.5864	1.2819	1.7761	3.2995	260.6737	20.4200	38.1600	49.9900	0.2000		
09/09/2021	95.3974	0.5052	1.3295	1.7805	3.0359	258.6589	20.0200	38.0600	49.9500	0.1639		
10/09/2021	95.2441	0.4592	1.4258	1.8134	3.2638	256.8880	18.7100	38.1000	49.9600	0.1549		
11/09/2021	94.9485	0.5191	1.4893	1.8657	3.4082	211.6961	16.6000	38.1600	50.0300	0.1189		
12/09/2021	95.0979	0.4490	1.5991	1.9499	3.6450	217.6957	14.9900	38.1600	49.9800	0.1459		
13/09/2021	94.5140	0.4328	1.6101	1.9894	3.8630	214.6538	14.0900	38.2100	49.9600	0.1369		
14/09/2021	94.3209	0.4223	1.5687	1.9617	3.8750	249.4074	13.7900	38.2200	49.9500	0.1369		
15/09/2021	94.4709	0.4714	1.5974	2.0056	4.1041	258.9191	14.9900	38.3200	50.0100	0.1459		
16/09/2021	94.6793	0.5136	1.5132	1.9869	3.8761	257.0534	16.1000	38.2100	49.9500	0.1639		
17/09/2021	94.8702	0.5346	1.4551	1.9098	3.8017	248.2434	16.3000	38.2100	49.9800	0.1279		
18/09/2021	94.7683	0.4661	1.4714	1.9152	3.8350	206.4758	15.4000	38.2000	49.9600	0.1099		
19/09/2021	94.7293	0.5457	1.4946	1.9262	3.6665	195.5733	13.5900	38.1700	49.9900	0.1910		
20/09/2021	94.4468	0.4068	1.6182	2.0063	3.9619	196.5795	12.7800	38.2400	49.9900	0.1009		
21/09/2021	94.3447	0.4136	1.5896	1.9772	4.1095	196.9543	11.9800	38.2700	49.9800	0.1820		
22/09/2021	94.3933	0.4827	1.5964	2.0169	4.0131	247.6393	12.8800	38.2300	49.9500	0.1189		
23/09/2021	94.4795	0.4999	1.6961	2.0472	3.9574	247.3339	14.3900	38.2100	49.9500	0.1369		
24/09/2021	94.7384	0.4914	1.6481	1.9790	3.8427	196.4299	15.8000	38.2200	49.9600	0.1639		
25/09/2021	94.7864	0.4139	1.6156	1.9664	3.8260	196.4974	15.3000	38.1900	49.9500	0.1189		
26/09/2021	94.9146	0.5188	1.6156	1.9896	3.6291	215.5208	14.0900	38.1400	49.9100	0.1189		
27/09/2021	95.2647	0.6046	1.5048	2.0299	3.4302	249.8290	13.7900	38.2200	49.9200	0.1459		
28/09/2021	95.3426	0.4855	1.6647	2.0321	3.0946	248.4022	14.4900	37.9700	49.8400	0.1189		
29/09/2021	95.5050	0.4483	1.5019	1.8997	3.0841	248.1230	12.8800	38.0100	49.8700	0.1099		
30/09/2021	95.4496	0.4683	1.7901	2.0668	3.4423	248.9816	13.1900	38.0200	49.8100	0.1099		

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Mínimo	94.3209	0.4068	1.2808	1.7761	2.6807	195.5733	11.9800	37.9400	49.8100	0.0919		
Promedio	95.0013	0.5108	1.4982	1.9260	3.5371	227.8404	15.5940	38.1480	49.9527	0.1408		
Máximo	95.7800	0.6990	1.7901	2.0668	4.1095	260.6737	20.4200	38.3200	50.1000	0.2090		
Desv. Est.	0.43798	0.07478	0.14069	0.08669	0.40104	24.00606	2.20142	0.10206	0.06125	0.02999		

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.
01/09/2021	95.2040	0.4777	1.0621	1.7035	2.4063	193.8294	14.6900	37.8500	49.7700	0.0288		
02/09/2021	95.4234	0.4309	1.1964	1.6744	2.3487	193.1895	15.0900	37.8100	49.7400	0.0288		
03/09/2021	95.2735	0.4766	1.1142	1.6704	2.5572	193.6047	15.4000	37.8200	49.6600	0.0288		
04/09/2021	94.9859	0.4463	1.1616	1.7020	2.5911	190.9790	14.9900	37.8900	49.8000	0.0198		
05/09/2021	94.8354	0.4607	1.2016	1.6991	2.8803	191.6692	15.3000	37.9800	49.8600	0.0108		
06/09/2021	94.6404	0.4112	1.1884	1.6050	3.0861	192.6791	16.4000	38.0500	49.8700	0.0108		
07/09/2021	94.4427	0.4382	1.1378	1.6055	3.0402	191.6979	15.9000	38.0400	49.8400	0.0198		
08/09/2021	94.8367	0.4584	1.1442	1.6903	2.9789	246.0502	16.6000	38.0400	49.8900	0.0378		
09/09/2021	95.1178	0.4356	1.1522	1.6392	2.8023	194.9982	17.7100	37.9900	49.8700	0.0288		
10/09/2021	94.8681	0.3876	1.2667	1.7103	2.9078	194.6884	15.9000	38.0000	49.8800	0.0198		
11/09/2021	94.5930	0.3566	1.1069	1.6261	3.1150	194.8980	13.5900	38.0300	49.8900	0.0108		
12/09/2021	94.2857	0.3460	1.3121	1.7349	3.0238	193.8139	13.4900	38.0200	49.8700	0.0108		
13/09/2021	94.0721	0.3302	1.5129	1.8842	3.4027	192.2013	12.6800	38.0600	49.8300	0.0108		
14/09/2021	94.0211	0.3850	1.4913	1.9013	3.6120	193.6221	12.8800	38.1200	49.8800	0.0198		
15/09/2021	93.8003	0.3926	1.4505	1.8909	3.4436	245.4410	12.8800	38.0900	49.8500	0.0198		
16/09/2021	94.0280	0.4535	1.3012	1.8055	3.3824	195.7677	14.6900	38.0900	49.8600	0.0288		
17/09/2021	94.1485	0.4179	1.3102	1.7849	3.1792	195.7494	14.5900	38.0500	49.8600	0.0108		
18/09/2021	94.1177	0.3694	1.3715	1.8050	3.2625	191.6632	12.4800	38.0500	49.8700	0.0108		
19/09/2021	94.3601	0.3619	1.3343	1.7664	3.3650	187.3081	12.2800	38.0900	49.8400	0.0198		
20/09/2021	93.9607	0.3442	1.4551	1.8405	3.5999	188.3374	10.8700	38.1400	49.8800	0.0108		
21/09/2021	93.8044	0.3514	1.4945	1.8959	3.6297	189.5340	10.2700	38.1400	49.9100	0.0108		
22/09/2021	93.8335	0.4006	1.4635	1.8801	3.5404	189.5510	10.3700	38.1100	49.8800	0.0108		
23/09/2021	93.8903	0.3511	1.4089	1.9006	3.4886	192.6222	12.4800	38.1000	49.8400	0.0108		
24/09/2021	94.0717	0.3310	1.3928	1.8308	3.2855	190.2775	13.0800	38.0600	49.8600	0.0288		
25/09/2021	94.1215	0.3507	1.4816	1.8813	3.2120	188.6401	12.6800	38.0200	49.8500	0.0108		
26/09/2021	94.2689	0.3507	1.4232	1.8420	3.0654	190.2211	12.6800	37.9700	49.7500	0.0108		
27/09/2021	94.3288	0.4045	1.3597	1.8206	2.6943	195.8092	12.7800	37.8700	49.6500	0.0108		
28/09/2021	94.8708	0.3616	1.3642	1.8183	2.5966	194.0605	12.0800	37.8100	49.6800	0.0108		
29/09/2021	94.9493	0.3576	1.4007	1.7730	2.6047	194.5374	11.6800	37.8600	49.7600	0.0108		
30/09/2021	94.3724	0.2766	1.4406	1.8867	2.4856	190.0642	11.9800	37.7800	49.6800	0.0108		

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Mínimo	93.8003	0.2766	1.0621	1.6050	2.3487	187.3081	10.2700	37.7800	49.6500	0.0108		
Promedio	94.4509	0.3905	1.3167	1.7756	3.0529	195.9168	13.6163	37.9977	49.8223	0.0171		
Máximo	95.4234	0.4777	1.5129	1.9013	3.6297	246.0502	17.7100	38.1400	49.9100	0.0378		
Desv. Est.	0.48069	0.05050	0.13791	0.09700	0.38730	13.74567	1.89665	0.10906	0.07500	0.00824		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.