

**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 <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )	Azufre total* (mg/m <sup>3</sup> )	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.
01/02/2023	94.9417	0.8877	1.3305	2.2181	2.7140	195.6602	15.4500	37.7600	49.4400	0.9716		
02/02/2023	94.7292	0.7117	1.5072	2.2189	2.9006	193.8453	14.2300	37.8300	49.5200	0.7272		
03/02/2023	94.7998	0.7595	1.4303	2.1897	2.9003	192.3608	12.1500	37.8200	49.5100	0.6377		
04/02/2023	94.3741	0.7330	1.5581	2.2912	3.2201	190.9483	11.1500	37.8700	49.5000	0.6470		
05/02/2023	94.5323	0.6598	1.5220	2.1818	3.1769	188.5002	10.5300	37.9000	49.5900	0.5734		
06/02/2023	94.6995	0.6150	1.5573	2.1723	3.0192	189.6273	9.8400	37.8500	49.5800	0.5010		
07/02/2023	94.8641	0.7947	1.4336	2.2282	2.7898	190.6321	11.1300	37.7700	49.4600	0.7239		
08/02/2023	94.7965	0.8542	1.4009	2.2551	2.8327	194.7658	13.0700	37.7800	49.4400	0.8783		
09/02/2023	94.6519	0.8571	1.3723	2.2294	2.9647	196.9475	14.8200	37.8500	49.4900	0.8758		
10/02/2023	94.9013	0.8430	1.3347	2.1776	2.7895	196.3122	15.8500	37.8000	49.4900	0.8335		
11/02/2023	94.9857	0.7324	1.5228	2.2552	2.6432	191.9543	14.9300	37.7200	49.4300	0.7311		
12/02/2023	95.0012	0.4610	1.8270	2.2880	2.6163	187.5116	11.3900	37.6900	49.4600	0.5294		
13/02/2023	95.1000	0.6247	1.4610	2.0857	2.6854	192.6760	11.0600	37.8100	49.5800	0.5904		
14/02/2023	94.8091	0.7140	1.5698	2.2838	2.7889	189.7735	12.4500	37.7500	49.4400	0.6699		
15/02/2023	94.9422	0.8006	1.4111	2.2116	2.7184	193.0143	11.9500	37.7600	49.4600	0.6412		
16/02/2023	94.6352	0.7545	1.5074	2.2619	2.9441	194.3757	12.9300	37.8300	49.4900	0.5635		
17/02/2023	94.4904	0.8593	1.5694	2.4287	2.9096	192.1195	11.4800	37.7600	49.3500	0.6883		
18/02/2023	94.4746	0.8572	1.5618	2.4190	2.9440	193.2273	11.6200	37.7700	49.3600	0.8225		
19/02/2023	94.5022	0.8481	1.5434	2.3915	2.9413	194.0428	11.5800	37.7800	49.3800	0.8363		
20/02/2023	94.6656	0.7939	1.4914	2.2853	2.8849	197.9468	12.0000	37.8200	49.4600	0.7736		
21/02/2023	94.4435	0.7497	1.5841	2.3338	3.0510	197.8571	12.4900	37.8400	49.4700	0.9149		
22/02/2023	94.4580	0.7977	1.4978	2.2955	3.0594	201.2566	12.8600	37.8700	49.4900	0.8542		
23/02/2023	94.1632	0.6271	1.7251	2.3520	3.2744	194.5826	12.2000	37.9200	49.5300	0.6363		
24/02/2023	94.3746	0.6403	1.7161	2.3564	3.0685	194.9074	12.0900	37.8600	49.4900	0.6675		
25/02/2023	94.3885	0.7201	1.6945	2.4145	2.9818	197.6993	13.2200	37.8200	49.4300	0.8025		
26/02/2023	94.3134	0.6573	1.7493	2.4065	3.0609	196.6427	13.5600	37.8500	49.4600	0.6685		
27/02/2023	94.4082	0.7186	1.6463	2.3649	3.0344	198.3426	13.3300	37.8400	49.4600	0.6852		
28/02/2023	94.3151	0.7390	1.6355	2.3745	3.1234	198.5125	13.7800	37.8600	49.4600	0.7372		

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

<b>Mínimo</b>	94.1632	0.4610	1.3305	2.0857	2.6163	187.5116	9.8400	37.6900	49.3500	0.5010		
<b>Promedio</b>	94.6343	0.7433	1.5415	2.2847	2.9299	194.1444	12.6121	37.8136	49.4721	0.7208		
<b>Máximo</b>	95.1000	0.8877	1.8270	2.4287	3.2744	201.2566	15.8500	37.9200	49.5900	0.9716		
<b>Dev. Est.</b>	0.25109	0.09762	0.12577	0.08914	0.17181	3.36012	1.49096	0.05390	0.05782	0.12144		

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 <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )	Azufre total* (mg/m <sup>3</sup> )	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.
01/02/2023	95.1072	1.0285	1.5344	2.2975	2.8638	210.2379	16.5000	37.8200	49.5300	1.2632		
02/02/2023	94.8355	0.8242	1.5657	2.3018	3.0173	208.3684	15.7000	37.8700	49.5700	0.9478		
03/02/2023	95.0356	0.8521	1.6119	2.3312	3.2503	208.6479	13.1900	37.8900	49.6000	0.7857		
04/02/2023	94.5929	0.7702	1.6531	2.3593	3.4732	205.4468	11.9800	37.9400	49.5900	0.8848		
05/02/2023	94.7619	0.7472	1.5959	2.2883	3.3434	191.7434	11.7800	37.9500	49.6600	0.7496		
06/02/2023	94.8740	0.7315	1.5964	2.3044	3.3505	194.2671	10.8700	37.9800	49.6900	0.7316		
07/02/2023	95.0775	0.8831	1.5357	2.2878	2.9994	205.9124	12.6800	37.9100	49.6200	1.0920		
08/02/2023	95.0822	1.0161	1.4509	2.4138	3.0125	209.0799	13.7900	37.8400	49.4900	1.0109		
09/02/2023	94.9376	1.0866	1.5580	2.4289	3.2370	209.8634	16.1000	37.9400	49.5700	1.0470		
10/02/2023	95.0993	0.9450	1.5495	2.2678	3.0434	220.6417	16.5000	37.8800	49.5900	1.0019		
11/02/2023	95.2049	0.8504	1.8463	2.3410	2.8654	207.9191	16.7000	37.8100	49.5100	0.9569		
12/02/2023	95.3907	0.5547	1.9223	2.4186	2.8335	192.3005	12.8800	37.8500	49.6500	0.7676		
13/02/2023	95.4315	0.8720	1.5987	2.4210	3.0935	208.9603	12.5800	38.0300	49.8600	0.7316		
14/02/2023	95.0521	0.8990	1.6804	2.4125	2.9622	207.2098	13.6900	37.8500	49.5100	0.9388		
15/02/2023	95.2204	0.8759	1.6691	2.3473	2.8291	209.0018	13.0800	37.8200	49.5500	0.8037		
16/02/2023	94.8968	0.8576	1.5682	2.3524	3.2425	215.5638	13.8900	37.9500	49.5600	0.7767		
17/02/2023	94.7616	0.9389	1.6597	2.4647	3.2768	197.4113	14.3900	37.9700	49.4900	0.8487		
18/02/2023	94.6624	0.9196	1.6357	2.4542	3.0565	207.3618	12.5800	37.8200	49.4200	1.0740		
19/02/2023	94.7359	0.9312	1.6284	2.4842	3.0972	196.1819	12.3800	37.8400	49.4800	1.0830		
20/02/2023	94.7670	0.8417	1.6488	2.3727	3.0535	211.4386	12.7800	37.8500	49.5000	0.8848		
21/02/2023	94.8854	0.8442	1.6733	2.4581	3.3187	224.1245	13.6900	37.9300	49.5600	1.0740		
22/02/2023	94.8972	0.9445	1.7428	2.4214	3.3200	219.5597	13.9900	37.9500	49.5600	1.0740		
23/02/2023	94.6017	0.7267	1.8125	2.4194	3.4829	205.8670	16.7000	37.9900	49.6100	0.8307		
24/02/2023	94.6777	0.7183	1.8040	2.4148	3.2544	207.8552	12.8800	37.9300	49.5300	0.7767		
25/02/2023	94.7458	0.7583	1.7513	2.4437	3.1458	212.9177	13.8900	37.8900	49.4800	0.9839		
26/02/2023	94.5191	0.7126	1.8200	2.4749	3.2785	207.3938	14.4900	37.9600	49.5100	0.8397		
27/02/2023	94.8243	0.7444	1.7136	2.4161	3.1950	213.2583	14.1900	37.8900	49.5100	0.8307		
28/02/2023	94.5870	0.7900	1.7022	2.4315	3.3346	214.9892	14.6900	37.9600	49.5200	0.9659		


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<b>Mínimo</b>	94.5191	0.5547	1.4509	2.2678	2.8291	191.7434	10.8700	37.8100	49.4200	0.7316		
<b>Promedio</b>	94.9023	0.8452	1.6617	2.3868	3.1511	207.9830	13.8771	37.9039	49.5614	0.9199		
<b>Máximo</b>	95.4315	1.0866	1.9223	2.4842	3.4829	224.1245	16.7000	38.0300	49.8600	1.2632		
<b>Dev. Est.</b>	0.24027	0.11391	0.10961	0.06440	0.18777	7.94253	1.58497	0.06063	0.08475	0.13753		

Observaciones: **DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.**

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

(Registros Mínimos diarios)

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

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )	Azufre total* (mg/m <sup>3</sup> )	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.
01/02/2023	94.7302	0.7352	1.1955	2.0979	2.6213	191.7253	13.9900	37.7300	49.3900	0.6775		
02/02/2023	94.6128	0.6686	1.4616	2.1706	2.7356	186.8643	12.3800	37.7600	49.4300	0.5694		
03/02/2023	94.3115	0.6765	1.3548	2.0668	2.7206	186.3499	10.6700	37.7700	49.4600	0.4883		
04/02/2023	94.0968	0.6792	1.4955	2.1878	3.0227	186.9756	9.5700	37.8100	49.4600	0.4793		
05/02/2023	94.3391	0.5763	1.4346	2.0917	3.0146	186.6910	8.6600	37.8300	49.5000	0.3261		
06/02/2023	94.4308	0.5595	1.4697	2.0766	2.8253	185.8528	8.7600	37.7400	49.4200	0.2631		
07/02/2023	94.5662	0.6895	1.3277	2.0841	2.5507	185.9993	9.1700	37.6700	49.3700	0.4343		
08/02/2023	94.5783	0.8079	1.3515	2.1785	2.6148	191.6726	11.7800	37.7000	49.2800	0.6865		
09/02/2023	94.3364	0.7176	1.3313	2.1364	2.7530	188.6590	13.1900	37.7900	49.3200	0.6415		
10/02/2023	94.5539	0.7182	1.2430	2.0720	2.6196	189.9439	14.4900	37.7400	49.4300	0.6505		
11/02/2023	94.7032	0.4475	1.3345	2.1420	2.5129	185.2931	12.5800	37.6700	49.3800	0.4252		
12/02/2023	94.6338	0.3934	1.5433	2.0541	2.2766	184.1804	9.6700	37.5900	49.4100	0.3892		
13/02/2023	94.8539	0.4038	1.3902	1.8092	2.3113	186.6309	9.3700	37.6300	49.2800	0.4523		
14/02/2023	94.5743	0.6009	1.4109	2.2312	2.6147	185.3633	10.6700	37.6900	49.3200	0.4433		
15/02/2023	94.7629	0.5907	1.3272	2.0987	2.5785	185.9780	10.2700	37.7000	49.3900	0.4072		
16/02/2023	94.2559	0.6765	1.4613	2.2127	2.6279	190.3894	11.7800	37.7100	49.3800	0.3802		
17/02/2023	93.9297	0.7187	1.4398	2.2769	2.6958	188.0116	10.2700	37.7000	49.3200	0.4072		
18/02/2023	94.3260	0.7858	1.5187	2.3684	2.7957	188.5606	10.7700	37.7400	49.3200	0.5874		
19/02/2023	94.2574	0.7301	1.4767	2.2630	2.7456	191.8369	10.6700	37.7100	49.3000	0.6055		
20/02/2023	94.4157	0.7183	1.4488	2.2425	2.8070	193.9016	10.9700	37.7800	49.4200	0.5964		
21/02/2023	94.1261	0.6691	1.4794	2.2590	2.6727	190.9369	11.2800	37.7400	49.3800	0.6145		
22/02/2023	94.0756	0.6770	1.3948	2.2047	2.5783	192.7949	11.4800	37.7200	49.3400	0.4883		
23/02/2023	93.9421	0.5617	1.6129	2.2683	2.9395	189.4815	10.7700	37.8100	49.4400	0.4433		
24/02/2023	94.1396	0.5830	1.6539	2.2894	2.8000	189.8124	11.2800	37.7800	49.4300	0.4703		
25/02/2023	94.2118	0.6657	1.6577	2.3755	2.6044	193.8633	11.9800	37.7000	49.3300	0.4793		
26/02/2023	93.9665	0.6290	1.6368	2.3378	2.8989	194.3100	11.9800	37.8000	49.4300	0.4703		
27/02/2023	94.2160	0.6789	1.6008	2.3122	2.6854	193.2927	11.9800	37.7300	49.4100	0.4973		
28/02/2023	94.0677	0.7035	1.5379	2.3025	2.8224	195.2970	12.5800	37.7400	49.3600	0.4613		

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<b>Mínimo</b>	93.9297	0.3934	1.1955	1.8092	2.2766	184.1804	8.6600	37.5900	49.2800	0.2631		
<b>Promedio</b>	94.3577	0.6451	1.4497	2.1861	2.6945	189.3096	11.1789	37.7314	49.3821	0.4941		
<b>Máximo</b>	94.8539	0.8079	1.6577	2.3755	3.0227	195.2970	14.4900	37.8300	49.5000	0.6865		
<b>Dev. Est.</b>	0.26553	0.10254	0.11967	0.12216	0.17499	3.23123	1.46836	0.05516	0.05814	0.10667		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.