

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.
01/07/2019	95.0286	0.6875	0.2653	0.9528	3.8693	249.0736	26.6000	38.6000	50.5300	0.1054	<10.8	0.00
02/07/2019	94.9087	0.6898	0.2928	0.9826	3.9378	246.4766	25.3700	38.6200	50.5400	0.1227		
03/07/2019	94.7818	0.7455	0.2793	1.0249	3.9996	248.8965	23.9700	38.6200	50.5100	0.1558		
04/07/2019	94.7659	0.6827	0.2968	0.9795	4.0652	249.9127	25.7500	38.6700	50.5700	0.1607		
05/07/2019	94.8248	0.6854	0.3028	0.9882	3.9830	249.8550	25.1300	38.6500	50.5500	0.1415		
06/07/2019	94.9278	0.7231	0.3146	1.0378	3.8225	248.0179	24.7200	38.5800	50.5000	0.1483		
07/07/2019	94.7913	0.7321	0.2949	1.0270	3.9727	250.2568	23.8000	38.6200	50.5100	0.1620		
08/07/2019	94.7802	0.7205	0.2969	1.0175	4.0036	250.3505	25.1000	38.6300	50.5300	0.1598		
09/07/2019	94.7750	0.7049	0.2926	0.9975	4.0227	250.0477	26.2400	38.6500	50.5400	0.1459		
10/07/2019	94.7722	0.6761	0.2991	0.9752	4.0673	249.0461	26.1900	38.6600	50.5800	0.1394		
11/07/2019	94.7205	0.7118	0.3037	1.0155	4.0782	246.9919	26.9700	38.6600	50.5300	0.1456		
12/07/2019	94.6509	0.7207	0.3135	1.0342	4.0972	249.0045	27.2100	38.6600	50.5400	0.1565		
13/07/2019	94.6446	0.7424	0.3100	1.0524	4.0907	253.2254	26.7900	38.6700	50.5300	0.1445		
14/07/2019	94.8830	0.7660	0.3124	1.0785	3.8476	251.7623	27.9800	38.5700	50.4500	0.1468		
15/07/2019	94.7456	0.6730	0.3050	0.9780	4.0664	248.8518	28.3000	38.6800	50.5800	0.1151		
16/07/2019	94.5873	0.6824	0.2776	0.9600	4.2574	248.7200	27.4800	38.7300	50.6200	0.1087		
17/07/2019	94.3999	0.6815	0.2919	0.9734	4.4301	248.5622	25.8900	38.7800	50.6400	0.1158		
18/07/2019	94.4961	0.7251	0.2926	1.0179	4.2915	249.2981	27.0900	38.7300	50.5800	0.1214		
19/07/2019	94.6810	0.7045	0.3042	1.0088	4.1262	249.7541	26.2600	38.6800	50.5500	0.1163		
20/07/2019	94.9416	0.7354	0.3082	1.0437	3.8384	248.8916	26.2000	38.5700	50.4700	0.1059		
21/07/2019	95.1652	0.7011	0.3272	1.0282	3.6516	248.1308	26.1500	38.5100	50.4600	0.0982		
22/07/2019	95.0879	0.7097	0.3098	1.0195	3.7274	249.3896	26.0200	38.5400	50.4800	0.1031		
23/07/2019	95.0652	0.7401	0.3014	1.0414	3.7114	249.0273	25.7700	38.5300	50.4400	0.1131		
24/07/2019	95.0340	0.7569	0.3055	1.0624	3.7211	251.7761	26.3700	38.5300	50.4500	0.0880		
25/07/2019	95.0447	0.7422	0.3242	1.0664	3.7203	249.6120	26.5500	38.5200	50.4300	0.1054		
26/07/2019	94.9560	0.7774	0.3171	1.0946	3.7727	250.9212	25.7100	38.5400	50.4200	0.1042		
27/07/2019	94.8238	0.8010	0.3095	1.1105	3.8710	252.5179	27.7000	38.5800	50.4300	0.0988		
28/07/2019	94.7384	0.7709	0.3178	1.0888	3.9497	253.0923	26.1200	38.6100	50.4700	0.0856		
29/07/2019	94.7899	0.7720	0.3290	1.1010	3.9113	253.4766	25.3100	38.5900	50.4400	0.0845		
30/07/2019	94.9205	0.7619	0.3325	1.0945	3.8151	251.2154	24.4400	38.5400	50.4300	0.0777		
31/07/2019	94.8920	0.7568	0.3227	1.0795	3.8568	251.2436	23.8500	38.5700	50.4500	0.0618		

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

Mínimo	94.3999	0.6730	0.2653	0.9528	3.6516	246.4766	23.8000	38.5100	50.4200	0.0618		
Promedio	94.8266	0.7252	0.3049	1.0301	3.9541	249.9161	26.0332	38.6158	50.5081	0.1206		
Máximo	95.1652	0.8010	0.3325	1.1105	4.4301	253.4766	28.3000	38.7800	50.6400	0.1620		
Desv. Est.	0.17416	0.03462	0.01530	0.04467	0.18216	1.72881	1.15208	0.06776	0.06036	0.02760		

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.
01/07/2019	95.3416	0.7533	0.3201	1.0000	4.1620	255.1764	28.1600	38.7000	50.6200	0.1730		
02/07/2019	95.1221	0.7497	0.3197	1.0352	4.3326	248.9057	26.6500	38.7400	50.6500	0.2090		
03/07/2019	95.1311	0.8407	0.3302	1.1045	4.3788	251.4985	25.4500	38.9100	50.6900	0.2450		
04/07/2019	95.0491	0.7735	0.3194	1.0657	4.3019	257.1578	27.0500	38.7600	50.6600	0.2450		
05/07/2019	95.1171	0.7578	0.3312	1.0493	4.1782	252.5659	26.2500	38.7100	50.6000	0.2270		
06/07/2019	95.1642	0.7746	0.3395	1.0969	4.1564	251.2277	321.8200	38.7500	50.5900	0.2270		
07/07/2019	95.1478	0.7809	0.3246	1.0919	4.2754	252.7598	25.3500	38.7300	50.6000	0.2721		
08/07/2019	94.9388	0.7633	0.3176	1.0668	4.1433	252.5952	26.6500	38.7000	50.6000	0.3171		
09/07/2019	94.9898	0.7408	0.3089	1.0350	4.1755	251.7625	27.8600	38.7300	50.6200	0.2450		
10/07/2019	95.0382	0.7259	0.3184	1.0164	4.2090	251.5537	27.2600	38.7200	50.6300	0.2360		
11/07/2019	94.9983	0.7753	0.3333	1.0776	4.2834	251.3069	321.7200	38.7300	50.6100	0.2721		
12/07/2019	94.9182	0.8067	0.3324	1.1202	4.3233	254.2643	28.6600	38.7500	50.6200	0.2991		
13/07/2019	94.8017	0.8184	0.3380	1.1181	4.2192	255.9403	28.7600	38.7400	50.5800	0.2270		
14/07/2019	95.0265	0.8639	0.3367	1.1737	3.9757	254.1840	30.0700	38.6400	50.5400	0.2450		
15/07/2019	94.9358	0.7067	0.3220	1.0265	4.2566	252.9722	29.9700	38.8400	50.6900	0.1910		
16/07/2019	94.7020	0.7164	0.3096	0.9999	4.4559	250.3434	28.6600	38.8000	50.6600	0.2090		
17/07/2019	94.5789	0.7150	0.3421	1.0039	4.8708	253.1327	27.3600	38.9400	50.7900	0.4162		
18/07/2019	94.7819	0.7709	0.3083	1.0711	4.4825	255.4376	28.8600	38.8300	50.6600	0.2090		
19/07/2019	94.9259	0.7235	0.3397	1.0392	4.3115	251.3333	27.6600	38.7400	50.6100	0.2270		
20/07/2019	95.2038	0.7945	0.3292	1.1156	3.9979	251.2186	27.4600	38.6300	50.5400	0.2631		
21/07/2019	95.5523	0.7538	0.4236	1.1188	3.9096	251.4854	27.7600	38.6100	50.5600	0.1730		
22/07/2019	95.2765	0.7490	0.3342	1.0641	3.9775	250.7368	27.6600	38.6300	50.5500	0.1820		
23/07/2019	95.2711	0.8176	0.3302	1.1029	3.8443	251.1533	26.9500	38.5700	50.4900	0.1910		
24/07/2019	95.2400	0.8125	0.3380	1.1108	3.9192	256.0317	27.5600	38.5900	50.4800	0.1730		
25/07/2019	95.1779	0.7920	0.3646	1.1365	3.9356	252.1158	28.1600	38.5900	50.4900	0.1910		
26/07/2019	95.0806	0.8290	0.3921	1.1453	4.0043	253.4845	28.0600	38.6100	50.4900	0.1910		
27/07/2019	95.1775	0.8403	0.3362	1.1553	4.1482	255.4322	29.8700	38.6800	50.5100	0.2090		
28/07/2019	94.8652	0.7982	0.3382	1.1173	4.1090	258.6911	27.4600	38.6500	50.4900	0.1549		
29/07/2019	94.9647	0.8128	0.3552	1.1590	4.0584	255.9793	26.4500	38.6400	50.5100	1.8759		
30/07/2019	95.1134	0.8120	0.3859	1.1501	3.9733	253.3717	26.3500	38.6000	50.4800	0.1549		
31/07/2019	95.0326	0.8139	0.3909	1.1232	4.0471	253.3389	25.9500	38.6300	50.5200	0.1459		

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Mínimo	94.5789	0.7067	0.3083	0.9999	3.8443	248.9057	25.3500	38.5700	50.4800	0.1459		
Promedio	95.0537	0.7801	0.3390	1.0868	4.1747	253.1341	46.5777	38.7061	50.5848	0.2773		
Máximo	95.5523	0.8639	0.4236	1.1737	4.8708	258.6911	321.8200	38.9400	50.7900	1.8759		
Desv. Est.	0.19637	0.04118	0.02673	0.05036	0.21066	2.23314	73.47336	0.09233	0.07580	0.30169		

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.
01/07/2019	94.7051	0.6213	0.1934	0.8880	3.5792	244.5319	25.4500	38.5200	50.4800	0.0378		
02/07/2019	94.5135	0.6366	0.2468	0.9242	3.7137	244.0387	23.2400	38.5400	50.4700	0.0378		
03/07/2019	94.2329	0.6591	0.2434	0.9532	3.7179	245.5020	21.6300	38.5400	50.4100	0.0828		
04/07/2019	94.5470	0.6124	0.2767	0.9052	3.7679	246.9271	24.6400	38.5900	50.4700	0.1009		
05/07/2019	94.6147	0.6275	0.2727	0.9405	3.7178	247.0356	23.7400	38.5700	50.5000	0.0558		
06/07/2019	94.5612	0.6322	0.2730	0.9441	3.6275	245.4333	23.7400	38.5000	50.4000	0.0558		
07/07/2019	94.5348	0.6829	0.2545	0.9655	3.6408	246.1887	22.1300	38.5100	50.4300	0.0738		
08/07/2019	94.6452	0.6733	0.2771	0.9555	3.8178	248.3651	22.9300	38.5600	50.4600	0.0828		
09/07/2019	94.6121	0.6476	0.2712	0.9254	3.8183	248.1257	24.1400	38.5800	50.4900	0.0558		
10/07/2019	94.6282	0.6472	0.2738	0.9330	3.7807	246.6487	24.2400	38.5700	50.5000	0.0738		
11/07/2019	94.4875	0.6780	0.2737	0.9641	3.8247	244.3863	24.2400	38.5700	50.4700	0.0738		
12/07/2019	94.4269	0.6485	0.2891	0.9631	3.8984	245.6488	25.5500	38.6100	50.4600	0.0828		
13/07/2019	94.4640	0.6785	0.2868	0.9910	3.9682	249.4727	25.6500	38.5900	50.4300	0.0828		
14/07/2019	94.7243	0.6997	0.2839	1.0033	3.6758	249.1152	25.6500	38.4900	50.3400	0.0828		
15/07/2019	94.4926	0.6433	0.2837	0.9398	3.9113	244.9841	26.9500	38.6000	50.5100	0.0198		
16/07/2019	94.3982	0.6426	0.2522	0.9282	4.1806	246.0812	25.5500	38.7000	50.5900	0.0378		
17/07/2019	93.9940	0.5566	0.2682	0.8987	4.2772	246.1331	24.4400	38.7200	50.5900	0.0558		
18/07/2019	94.2246	0.6763	0.2738	0.9533	4.0197	245.1458	24.9400	38.6300	50.5000	0.0468		
19/07/2019	94.4835	0.6726	0.2835	0.9795	3.8928	247.8055	24.6400	38.6000	50.5100	0.0648		
20/07/2019	94.7411	0.6905	0.2824	0.9817	3.6016	246.1299	24.4400	38.4900	50.4000	0.0198		
21/07/2019	94.9150	0.6515	0.2864	0.9410	3.2081	244.5219	24.9400	38.3500	50.3200	0.0288		
22/07/2019	94.8431	0.6786	0.2833	0.9858	3.5334	246.4730	24.2400	38.4600	50.4100	0.0468		
23/07/2019	94.9350	0.7003	0.2719	1.0040	3.5451	246.2078	24.4400	38.4800	50.3900	0.0558		
24/07/2019	94.8300	0.7261	0.2735	1.0294	3.5014	248.6457	24.3400	38.4600	50.3700	0.0378		
25/07/2019	94.8540	0.7226	0.2931	1.0188	3.5959	246.3925	24.0400	38.4800	50.3900	0.0468		
26/07/2019	94.7235	0.7352	0.2827	1.0331	3.6490	247.7398	23.7400	38.4900	50.3700	0.0378		
27/07/2019	94.4988	0.7686	0.2816	1.0668	3.5532	249.3432	25.5500	38.5000	50.3800	0.0468		
28/07/2019	94.6110	0.7465	0.2937	1.0559	3.8809	249.4123	24.7400	38.5700	50.4300	0.0198		
29/07/2019	94.6820	0.7217	0.3008	1.0581	3.7378	250.6056	23.7400	38.5300	50.3900	0.0108		
30/07/2019	94.7640	0.7266	0.3028	1.0624	3.5680	249.5462	22.9300	38.4500	50.3400	0.0108		
31/07/2019	94.7180	0.6975	0.2822	1.0421	3.7008	249.5166	21.4300	38.5000	50.3900	0.0108		

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Mínimo	93.9940	0.5566	0.1934	0.8880	3.2081	244.0387	21.4300	38.3500	50.3200	0.0108		
Promedio	94.5937	0.6743	0.2746	0.9753	3.7389	246.9711	24.2600	38.5403	50.4384	0.0509		
Máximo	94.9350	0.7686	0.3028	1.0668	4.2772	250.6056	26.9500	38.7200	50.5900	0.1009		
Desv. Est.	0.20780	0.04501	0.02047	0.05093	0.20986	1.83484	1.21440	0.07454	0.06738	0.02491		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.