

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.
01/05/2018	96.5864	0.9288	0.1766	1.1054	2.1471	251.0272	21.1700	38.0700	50.1100	0.0190		
02/05/2018	96.6059	0.9014	0.1684	1.0698	2.1989	249.0375	24.3600	38.0800	50.1500	0.0786		
03/05/2018	96.4918	0.8904	0.1731	1.0635	2.2819	247.8091	27.3200	38.1100	50.1600	0.0864		
04/05/2018	95.6870	0.8765	0.1759	1.0519	3.0977	248.0790	27.3200	38.3700	50.3400	0.0864		
05/05/2018	95.7797	0.8690	0.1562	1.0252	3.0334	247.0221	20.3200	38.3300	50.3200	0.0864		
06/05/2018	95.8967	0.8188	0.1767	0.9955	2.9715	247.0344	26.0800	38.3200	50.3300	0.0492		
07/05/2018	95.9175	0.8537	0.1630	1.0166	2.8977	247.0397	28.2400	38.3000	50.3100	0.0468		
08/05/2018	95.8824	0.8194	0.1727	0.9921	2.9806	247.5717	27.3300	38.3400	50.3500	0.0231		
09/05/2018	95.9267	0.8072	0.1788	0.9860	2.9336	247.2189	27.9100	38.3200	50.3400	0.0314		
10/05/2018	95.8186	0.8033	0.1718	0.9751	3.0515	246.7886	26.2100	38.3600	50.3700	0.0319		
11/05/2018	95.8450	0.8599	0.1534	1.0133	2.9856	246.7588	26.6300	38.3300	50.3100	0.0400		
12/05/2018	95.8785	0.8751	0.1584	1.0335	2.9400	247.4069	27.7600	38.3100	50.3000	0.0499		
13/05/2018	95.8010	0.8616	0.1565	1.0181	3.0321	247.4389	29.4400	38.3400	50.3300	0.0430		
14/05/2018	95.8014	0.8792	0.1548	1.0340	2.9912	248.5175	29.3000	38.3200	50.2900	0.0424		
15/05/2018	95.8479	0.8317	0.1842	1.0159	2.9649	249.0052	29.9900	38.3300	50.3300	0.0457		
16/05/2018	95.7249	0.8705	0.1913	1.0619	3.0028	249.8849	30.1200	38.3600	50.3100	0.0483		
17/05/2018	95.5360	0.8767	0.2200	1.0968	3.1150	253.0431	31.3500	38.4000	50.3200	0.0656		
18/05/2018	95.5457	0.9049	0.1989	1.1039	3.1451	251.3581	31.8400	38.3800	50.2900	0.0656		
19/05/2018	95.6263	0.8735	0.1907	1.0642	3.1292	250.3055	30.9300	38.3800	50.3200	0.1439		
20/05/2018	95.8661	0.8131	0.1777	0.9908	2.9816	249.5895	32.1800	38.3500	50.3600	0.1434		
21/05/2018	95.8636	0.8349	0.1619	0.9967	2.9294	252.1345	30.2500	38.3700	50.3500	0.1097		
22/05/2018	96.0763	0.8662	0.1670	1.0331	2.7273	250.1261	26.5700	38.2700	50.2600	0.1097		
23/05/2018	95.5842	0.8962	0.2245	1.1207	3.1104	250.0603	31.4500	38.3300	50.2600	0.1265		
24/05/2018	95.4091	0.8716	0.2305	1.1021	3.3049	250.8432	30.5000	38.4000	50.3200	0.1022		
25/05/2018	95.5417	0.8608	0.2133	1.0741	3.2192	249.2360	33.3700	38.3800	50.3300	0.0897		
26/05/2018	95.5025	0.8783	0.2028	1.0811	3.2517	250.5001	29.9100	38.3900	50.3100	0.1072		
27/05/2018	95.3203	0.8392	0.2247	1.0639	3.4301	251.0003	31.3500	38.4600	50.3800	0.1085		
28/05/2018	95.4336	0.8529	0.2380	1.0909	3.2899	252.5060	29.8400	38.4000	50.3500	0.1167		
29/05/2018	95.4201	0.8524	0.2393	1.0918	3.3154	252.8307	30.6200	38.4000	50.3400	0.1078		
30/05/2018	95.3905	0.8517	0.2395	1.0912	3.3488	252.0770	31.8500	38.4100	50.3500	0.1012		
31/05/2018	95.2969	0.8436	0.2448	1.0884	3.4244	252.5717	31.7900	38.4500	50.3500	0.0824		

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

Mínimo	95.2969	0.8033	0.1534	0.9751	2.1471	246.7588	20.3200	38.0700	50.1100	0.0190		
Promedio	95.7711	0.8601	0.1899	1.0499	3.0075	249.5427	28.8161	38.3342	50.3077	0.0771		
Máximo	96.6059	0.9288	0.2448	1.1207	3.4301	253.0431	33.3700	38.4600	50.3800	0.1439		
Desv. Est.	0.33315	0.02979	0.02947	0.04226	0.31284	2.04170	3.06129	0.09258	0.06259	0.03567		

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.
01/05/2018	96.7071	1.0136	0.2074	1.1831	2.2785	253.0321	331.1700	38.1100	50.1700	0.1910		
02/05/2018	96.6760	0.9674	0.1916	1.1273	2.3012	251.8160	323.7300	38.1300	50.2000	0.1549		
03/05/2018	96.6712	0.9808	0.2199	1.1438	2.9169	250.1079	28.7600	38.3200	50.3000	0.1820		
04/05/2018	95.8465	0.9125	0.2172	1.0928	3.3477	250.0915	323.2300	38.4600	50.3900	0.1730		
05/05/2018	96.0451	0.9016	0.1725	1.0630	3.2748	250.0129	324.5300	38.4200	50.3700	0.2540		
06/05/2018	96.1313	0.8805	0.1963	1.0645	3.1829	248.6620	321.9200	38.4100	50.3900	0.1459		
07/05/2018	96.1108	0.9574	0.1904	1.1165	3.0745	249.6485	29.3700	38.3500	50.3400	0.1369		
08/05/2018	96.1219	0.9267	0.1952	1.0871	3.2280	249.4075	28.5600	38.4000	50.4300	0.0828		
09/05/2018	96.1530	0.8629	0.2003	1.0476	3.1092	250.1950	29.0600	38.3800	50.3900	0.1189		
10/05/2018	95.9776	0.8534	0.1998	1.0098	3.2962	249.3420	27.3600	38.4400	50.4200	0.1099		
11/05/2018	96.0097	0.9121	0.1678	1.0718	3.1915	248.4444	27.7600	38.3900	50.3800	0.1009		
12/05/2018	96.1134	0.9670	0.1818	1.1230	3.3134	249.1337	29.3700	38.4400	50.4100	0.1189		
13/05/2018	95.9248	0.9259	0.1688	1.0883	3.1699	249.1465	31.0700	38.3900	50.3700	0.1099		
14/05/2018	95.9095	0.9162	0.1672	1.0737	3.1311	250.3790	30.4700	38.3800	50.3600	0.0919		
15/05/2018	96.0220	0.9028	0.2111	1.0674	3.1714	250.9442	31.2800	38.4200	50.4100	0.1459		
16/05/2018	96.0080	0.9040	0.2151	1.1040	3.3395	253.4309	31.3800	38.4700	50.3800	0.1369		
17/05/2018	95.7031	0.9048	0.2529	1.1470	3.4015	255.0891	33.4900	38.5300	50.4000	0.1549		
18/05/2018	95.7669	0.9976	0.2160	1.2006	3.3879	253.7581	32.9800	38.4600	50.3600	0.8397		
19/05/2018	95.8292	0.9311	0.2313	1.1133	3.2828	252.6418	32.1800	38.4400	50.4000	0.2270		
20/05/2018	96.0366	0.8940	0.2141	1.0890	3.3603	251.8703	35.1900	38.4700	50.4300	0.2180		
21/05/2018	96.0312	0.8929	0.1834	1.0634	3.0733	256.2008	321.6200	38.4200	50.4200	0.2090		
22/05/2018	96.3007	0.8991	0.1842	1.0827	2.9989	252.2043	321.6200	38.3400	50.3000	0.2450		
23/05/2018	96.1950	0.9388	0.2503	1.1779	3.3435	251.7586	33.3900	38.4100	50.3400	0.1910		
24/05/2018	95.6006	0.9117	0.2491	1.1529	3.6503	253.1321	321.9200	38.5300	50.3900	0.1730		
25/05/2018	95.7311	0.8928	0.2468	1.1288	3.3949	250.6290	36.6000	38.4200	50.3600	0.1549		
26/05/2018	95.6069	0.9284	0.2246	1.1399	3.3319	252.3208	31.1700	38.4200	50.3600	0.1910		
27/05/2018	95.5445	0.9375	0.2898	1.1490	3.6022	252.4424	32.6800	38.5300	50.4500	0.1820		
28/05/2018	95.6407	0.8869	0.2626	1.1404	3.5496	254.4811	30.7700	38.5100	50.4000	0.2000		
29/05/2018	95.5341	0.8921	0.2642	1.1461	3.4362	254.2047	31.7800	38.4500	50.4000	0.1820		
30/05/2018	95.5677	0.8939	0.2596	1.1334	3.6279	253.4566	33.0800	38.4900	50.3700	0.1820		
31/05/2018	95.5418	0.9083	0.2723	1.1630	3.5750	256.5290	324.1300	38.5000	50.4200	0.1639		

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Mínimo	95.5341	0.8534	0.1672	1.0098	2.2785	248.4444	27.3600	38.1100	50.1700	0.0828		
Promedio	95.9696	0.9192	0.2162	1.1126	3.2369	251.7585	116.1813	38.4139	50.3713	0.1860		
Máximo	96.7071	1.0136	0.2898	1.2006	3.6503	256.5290	331.1700	38.5300	50.4500	0.8397		
Desv. Est.	0.32349	0.03702	0.03399	0.04422	0.31106	2.21274	134.98791	0.09521	0.06070	0.12885		

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.
01/05/2018	96.4794	0.8727	0.1516	1.0423	2.0706	248.4955	25.3500	38.0200	50.0300	0.0198		
02/05/2018	96.4682	0.8477	0.1428	1.0217	2.0775	247.0421	25.3500	38.0100	50.0600	0.0198		
03/05/2018	95.8154	0.8417	0.1468	1.0164	2.1002	246.3326	25.3500	38.0300	50.0600	0.0198		
04/05/2018	95.3828	0.8414	0.1506	1.0267	2.9169	246.3297	26.6500	38.2900	50.2600	0.0198		
05/05/2018	95.5514	0.8156	0.1370	0.9604	2.8500	244.9620	26.6500	38.2800	50.2600	0.0198		
06/05/2018	95.6530	0.7874	0.1508	0.9484	2.7829	244.8382	26.6500	38.2700	50.2700	0.0198		
07/05/2018	95.7671	0.8078	0.1188	0.9791	2.7432	244.1271	26.6500	38.2400	50.2000	0.0198		
08/05/2018	95.6029	0.7404	0.1412	0.9082	2.8086	244.7387	26.2500	38.2900	50.2700	0.0198		
09/05/2018	95.7577	0.7528	0.1548	0.9296	2.7556	244.5562	26.0500	38.2700	50.2700	0.0198		
10/05/2018	95.5791	0.7633	0.1452	0.9458	2.9011	245.1800	24.2400	38.2900	50.3100	0.0198		
11/05/2018	95.6210	0.8000	0.1398	0.9434	2.8023	244.6123	24.5400	38.2500	50.2400	0.0198		
12/05/2018	95.5527	0.8115	0.1413	0.9695	2.7003	246.0155	26.6500	38.2300	50.2100	0.0198		
13/05/2018	95.6565	0.8097	0.1409	0.9669	2.8870	246.0036	27.4600	38.2700	50.2500	0.0198		
14/05/2018	95.6997	0.8503	0.1439	0.9978	2.8877	246.1330	27.6600	38.2800	50.2500	0.0198		
15/05/2018	95.6788	0.7760	0.1478	0.9616	2.7803	246.8679	28.6600	38.2600	50.2600	0.0198		
16/05/2018	95.4387	0.8456	0.1719	1.0339	2.7914	247.6862	28.5600	38.2700	50.2500	0.0198		
17/05/2018	95.2699	0.8344	0.1797	1.0570	2.9672	251.1862	27.8600	38.3200	50.2600	0.0198		
18/05/2018	95.2923	0.8510	0.1732	1.0558	2.9537	248.5703	30.5700	38.3100	50.2000	0.0198		
19/05/2018	95.3988	0.7628	0.1606	0.9471	2.9625	247.2229	28.5600	38.3000	50.2600	0.0198		
20/05/2018	95.4869	0.7488	0.1429	0.9048	2.8229	244.5446	28.6600	38.2900	50.2500	0.0558		
21/05/2018	95.6997	0.7859	0.1386	0.9318	2.7636	250.0532	28.6600	38.2800	50.2700	0.0558		
22/05/2018	95.7691	0.8222	0.1490	0.9751	2.5295	247.2516	28.6600	38.2000	50.2300	0.0558		
23/05/2018	95.3522	0.8211	0.1542	1.0046	2.6346	246.2338	29.2700	38.2300	50.2100	0.0378		
24/05/2018	94.9559	0.8355	0.2049	1.0612	3.1188	248.8251	29.2700	38.3600	50.2700	0.0378		
25/05/2018	95.3259	0.8285	0.1784	1.0098	3.0706	247.0663	28.8600	38.3400	50.2700	0.0018		
26/05/2018	95.3569	0.8450	0.1766	1.0329	3.1462	246.9379	28.9600	38.3500	50.2700	0.0288		
27/05/2018	95.1307	0.7645	0.1823	0.9776	3.2095	249.3666	29.0600	38.3700	50.2900	0.0198		
28/05/2018	95.1694	0.8279	0.1899	1.0282	3.1214	250.2437	28.5600	38.3700	50.2900	0.0468		
29/05/2018	95.2571	0.7960	0.2088	1.0249	3.2126	251.0189	28.9600	38.3800	50.3000	0.0288		
30/05/2018	95.0918	0.8076	0.2032	1.0481	3.1999	250.7457	30.6700	38.3700	50.2900	0.0198		
31/05/2018	95.1298	0.8013	0.2185	1.0231	3.1864	249.7056	30.6700	38.3800	50.2900	0.0198		

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Mínimo	94.9559	0.7404	0.1188	0.9048	2.0706	244.1271	24.2400	38.0100	50.0300	0.0018		
Promedio	95.5287	0.8096	0.1608	0.9914	2.8308	247.1901	27.7410	38.2710	50.2387	0.0253		
Máximo	96.4794	0.8727	0.2185	1.0612	3.2126	251.1862	30.6700	38.3800	50.3100	0.0558		
Desv. Est.	0.34050	0.03479	0.02473	0.04583	0.30537	2.12445	1.75099	0.09621	0.06859	0.01266		

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