



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.
01/03/2018	97.2351	0.7299	0.1810	0.9109	1.7177	245.5433	25.2700	37.9900	50.2200	0.1068		
02/03/2018	97.1710	0.7122	0.1982	0.9104	1.7502	246.1308	25.5100	38.0200	50.2400	0.0756		
03/03/2018	97.0797	0.7559	0.1790	0.9351	1.7657	249.2312	26.8400	38.0300	50.2200	0.0742		
04/03/2018	97.1072	0.7562	0.1795	0.9357	1.7669	249.3497	26.4000	38.0400	50.2100	0.1016		
05/03/2018	97.0029	0.7555	0.1917	0.9473	1.8793	246.0607	23.6400	38.0500	50.2200	0.1068		
06/03/2018	96.9284	0.7365	0.2098	0.9464	1.9962	246.6495	25.0600	38.0600	50.2300	0.0980		
07/03/2018	96.8464	0.7549	0.2046	0.9594	2.0266	246.0452	24.7500	38.0700	50.2300	0.0603		
08/03/2018	96.7491	0.7587	0.2420	1.0008	2.1060	246.6959	23.3500	38.1000	50.2200	0.0857		
09/03/2018	96.7886	0.7861	0.2465	1.0326	2.0059	246.2887	23.2700	38.0500	50.1600	0.0953		
10/03/2018	96.8034	0.8292	0.2384	1.0676	1.9598	245.8918	22.8900	38.0100	50.1300	0.0876		
11/03/2018	96.8966	0.8160	0.2320	1.0480	1.8912	248.4583	23.3300	38.0200	50.1500	0.0973		
12/03/2018	96.9874	0.8311	0.2224	1.0535	1.7946	247.2066	23.0300	37.9900	50.1200	0.0633		
13/03/2018	96.8484	0.8246	0.2277	1.0523	1.9045	248.4491	25.4500	38.0100	50.1200	0.0800		
14/03/2018	96.9657	0.8257	0.2078	1.0335	1.8161	247.6077	26.4200	38.0100	50.1300	0.0735		
15/03/2018	96.8861	0.8676	0.2152	1.0828	1.8577	248.9322	27.1900	37.9900	50.1100	0.1135		
16/03/2018	97.0000	0.8102	0.2084	1.0186	1.8276	248.5867	25.1100	38.0100	50.1400	0.1078		
17/03/2018	96.9825	0.7762	0.1990	0.9753	1.9162	245.8629	23.7900	38.0300	50.1900	0.0810		
18/03/2018	97.0313	0.7747	0.1977	0.9725	1.8668	244.8784	22.4200	38.0000	50.1700	0.0858		
19/03/2018	97.0081	0.7501	0.2102	0.9602	1.8853	245.7595	23.8800	38.0100	50.2000	0.0758		
20/03/2018	96.9818	0.7561	0.2032	0.9593	1.9014	244.6452	26.0900	38.0200	50.2100	0.0711		
21/03/2018	97.0677	0.7388	0.2005	0.9393	1.8707	244.2803	27.0500	38.0200	50.2100	0.0717		
22/03/2018	97.1165	0.6761	0.2054	0.8815	1.8586	243.5069	27.8200	38.0300	50.2600	0.0622		
23/03/2018	96.9075	0.7826	0.2054	0.9881	1.9623	242.5904	24.7100	38.0300	50.1800	0.0830		
24/03/2018	96.9328	0.7645	0.1981	0.9626	1.9486	244.8176	22.8100	38.0300	50.2100	0.0960		
25/03/2018	97.1150	0.7429	0.1938	0.9367	1.8329	244.5202	22.0100	38.0200	50.2100	0.0879		
26/03/2018	97.1407	0.7268	0.2002	0.9271	1.7985	242.0763	20.7900	38.0100	50.2000	0.0846		
27/03/2018	97.2656	0.7287	0.1812	0.9099	1.6992	245.3660	23.0400	37.9800	50.1900	0.0752		
28/03/2018	97.2363	0.8212	0.1651	0.9863	1.6271	244.6366	25.2800	37.9300	50.1200	0.0699		
29/03/2018	97.1823	0.7751	0.1691	0.9442	1.7573	244.2135	25.2400	37.9800	50.1700	0.0579		
30/03/2018	97.0834	0.7896	0.1839	0.9735	1.7713	244.8641	24.7300	37.9900	50.1400	0.0388		
31/03/2018	96.9596	0.8253	0.1926	1.0179	1.8534	245.0627	25.7100	38.0000	50.1300	0.0461		

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

Mínimo	96.7491	0.6761	0.1651	0.8815	1.6271	242.0763	20.7900	37.9300	50.1100	0.0388		
Promedio	97.0099	0.7735	0.2029	0.9764	1.8586	245.9422	24.6090	38.0171	50.1819	0.0811		
Máximo	97.2656	0.8676	0.2465	1.0828	2.1060	249.3497	27.8200	38.1000	50.2600	0.1135		
Desv. Est.	0.13619	0.04263	0.02022	0.05224	0.10417	1.86846	1.68856	0.03122	0.04269	0.01807		

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.
01/03/2018	97.3716	0.7649	0.2061	0.9496	1.9531	247.8024	26.5500	38.0600	50.2400	0.1820		
02/03/2018	97.3083	0.7461	0.2246	0.9620	1.8466	248.3141	26.6500	38.0600	50.2700	0.1549		
03/03/2018	97.2050	0.7848	0.1923	0.9708	1.7873	249.7745	331.1700	38.0400	50.2200	0.1459		
04/03/2018	97.1072	0.7562	0.1795	0.9357	1.7669	249.3497	28.3600	38.0400	50.2100	0.1910		
05/03/2018	97.4554	0.7965	0.2388	0.9995	2.0827	249.3497	24.7400	38.0900	50.2400	0.1820		
06/03/2018	97.0449	0.8099	0.2408	1.0344	2.1055	251.3392	26.0500	38.1000	50.2700	0.1730		
07/03/2018	97.0205	0.8145	0.2348	1.0435	2.1312	249.7191	26.2500	38.1100	50.2900	0.1009		
08/03/2018	96.8235	0.8080	0.2664	1.0644	2.1984	250.5156	24.8400	38.1300	50.2900	0.1820		
09/03/2018	96.9285	0.8344	0.2612	1.0868	2.1235	249.8705	24.4400	38.1100	50.2200	0.1549		
10/03/2018	97.0220	0.8908	0.2514	1.1365	2.1926	248.7258	23.7400	38.1000	50.2100	0.1549		
11/03/2018	97.0346	0.8683	0.2569	1.1081	2.0767	250.8689	24.2400	38.0900	50.1900	0.1730		
12/03/2018	97.0952	0.8800	0.2424	1.1094	1.8752	250.2378	23.9400	38.0100	50.1400	0.1459		
13/03/2018	96.9996	0.8710	0.2448	1.1136	2.0056	251.1722	26.3500	38.0500	50.2000	0.1549		
14/03/2018	97.1406	0.8550	0.2246	1.0574	1.9611	250.5141	27.2600	38.0400	50.1600	0.1820		
15/03/2018	97.1187	0.9031	0.2494	1.1476	2.0304	252.1531	29.0600	38.0300	50.1300	0.1730		
16/03/2018	97.1245	0.8686	0.2356	1.0863	1.9025	253.0307	26.2500	38.0400	50.1900	0.1910		
17/03/2018	97.2088	0.8475	0.2179	1.0612	2.1367	251.7574	25.3500	38.1000	50.2500	0.1730		
18/03/2018	97.2592	0.7930	0.2278	1.0081	2.1082	247.3419	331.1700	38.0800	50.2100	0.1820		
19/03/2018	97.0881	0.8248	0.2277	1.0326	1.9426	248.9505	25.4500	38.0500	50.2400	0.1730		
20/03/2018	97.1547	0.8197	0.2156	1.0264	2.0589	248.0534	27.5600	38.0700	50.2500	0.1730		
21/03/2018	97.2237	0.8132	0.2125	1.0197	2.1446	247.1298	28.6600	38.1000	50.2700	0.1459		
22/03/2018	97.2411	0.7147	0.2270	0.9303	1.9508	246.7576	28.8600	38.1500	50.3100	0.1279		
23/03/2018	97.1087	0.8356	0.2209	1.0443	2.1080	247.3655	27.1500	38.0800	50.2300	0.1639		
24/03/2018	97.0792	0.8131	0.2248	1.0245	2.0798	248.6016	23.7400	38.0900	50.2500	0.1910		
25/03/2018	97.3212	0.7837	0.2206	0.9884	1.9680	249.0793	23.1300	38.0600	50.2500	0.1910		
26/03/2018	97.2851	0.7994	0.2204	1.0060	1.8644	248.2881	21.7300	38.0400	50.2700	0.1549		
27/03/2018	97.4260	0.7910	0.1951	0.9724	1.7734	248.8909	24.1400	38.0000	50.2700	0.1459		
28/03/2018	97.3262	0.8959	0.1910	1.0555	1.8099	249.5686	26.2500	38.0100	50.2100	0.1459		
29/03/2018	97.2908	0.8272	0.1856	1.0033	2.3926	251.0991	27.5600	38.2900	50.4700	0.1189		
30/03/2018	97.2619	0.8079	0.1936	0.9952	1.8250	246.4641	25.4500	38.0000	50.1900	0.1099		
31/03/2018	97.1430	0.9780	0.2166	1.1857	1.9714	247.9276	321.7200	38.0500	50.2600	0.1189		

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Mínimo	96.8235	0.7147	0.1795	0.9303	1.7669	246.4641	21.7300	38.0000	50.1300	0.1009		
Promedio	97.1683	0.8257	0.2241	1.0374	2.0056	249.3553	55.0906	38.0732	50.2387	0.1599		
Máximo	97.4554	0.9780	0.2664	1.1857	2.3926	253.0307	331.1700	38.2900	50.4700	0.1910		
Desv. Est.	0.14483	0.05301	0.02249	0.06325	0.14784	1.64947	90.84170	0.05504	0.06059	0.02505		

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.
01/03/2018	96.9708	0.7035	0.1507	0.8643	1.6231	242.4174	23.1300	37.9600	50.1800	0.0198		
02/03/2018	97.0430	0.6848	0.1774	0.8697	1.6347	243.9396	23.9400	37.9900	50.1900	0.0018		
03/03/2018	97.0969	0.7335	0.1586	0.9010	1.7370	247.2228	23.9400	37.9900	50.1700	0.0018		
04/03/2018	97.1072	0.7562	0.1795	0.9357	1.7669	249.3497	23.5400	38.0400	50.2100	0.0108		
05/03/2018	96.7678	0.7281	0.1474	0.8913	1.5302	242.5401	22.0300	37.9200	50.1600	0.0108		
06/03/2018	96.7689	0.7090	0.1672	0.8994	1.9178	244.1104	23.4400	38.0300	50.1600	0.0108		
07/03/2018	96.7039	0.7070	0.1513	0.8641	1.9428	244.0406	23.7400	38.0500	50.1600	0.0108		
08/03/2018	96.6029	0.6770	0.2162	0.9391	2.0446	244.1967	22.0300	38.0600	50.1600	0.0108		
09/03/2018	96.6693	0.7394	0.2328	0.9801	1.9109	244.1037	21.4300	38.0200	50.1100	0.0018		
10/03/2018	96.6051	0.7576	0.2242	0.9957	1.7873	242.9100	21.7300	37.9600	50.0600	0.0018		
11/03/2018	96.6463	0.7711	0.2098	0.9943	1.7806	246.3649	22.1300	37.9700	50.0700	0.0198		
12/03/2018	96.9089	0.7903	0.1991	1.0077	1.7350	243.9015	21.9300	37.9500	50.0600	0.0018		
13/03/2018	96.7434	0.7589	0.2079	0.9724	1.8050	246.5702	23.4400	37.9800	50.0700	0.0018		
14/03/2018	96.8482	0.8037	0.1835	1.0061	1.6949	245.3996	25.5500	37.9500	50.0900	0.0018		
15/03/2018	96.6398	0.8302	0.1712	1.0186	1.7034	246.2424	24.6400	37.9500	50.0600	0.0198		
16/03/2018	96.8452	0.7613	0.1894	0.9669	1.7631	244.6861	23.8400	37.9700	50.1000	0.0198		
17/03/2018	96.7549	0.7286	0.1739	0.9212	1.7424	227.6969	21.3300	37.9700	50.1000	0.0198		
18/03/2018	96.7727	0.7389	0.1685	0.9162	1.6861	242.5126	21.3300	37.9600	50.1400	0.0198		
19/03/2018	96.9225	0.7031	0.1957	0.9148	1.8350	242.2636	21.5300	38.0000	50.1300	0.0198		
20/03/2018	96.8148	0.6724	0.1906	0.8869	1.8301	241.2654	24.3400	38.0000	50.1400	0.0198		
21/03/2018	96.7385	0.6778	0.1887	0.8718	1.7314	240.8378	25.4500	37.9800	50.1300	0.0198		
22/03/2018	96.9228	0.6147	0.1794	0.8346	1.7741	224.7502	25.9500	38.0100	50.2200	0.0198		
23/03/2018	96.6901	0.7059	0.1790	0.9192	1.8436	216.2457	22.1300	38.0100	50.1400	0.0198		
24/03/2018	96.7949	0.6982	0.1777	0.9112	1.8708	240.0103	21.7300	38.0100	50.1600	0.0198		
25/03/2018	96.9141	0.6797	0.1694	0.8539	1.7102	225.0089	20.1200	37.9800	50.1700	0.0198		
26/03/2018	97.0757	0.6373	0.1742	0.8432	1.7329	216.0238	19.7200	37.9600	50.1300	0.0108		
27/03/2018	97.1534	0.6574	0.1600	0.8196	1.6360	241.2150	20.7200	37.9400	50.1300	0.0198		
28/03/2018	97.1223	0.7319	0.1470	0.9142	1.5739	240.6243	22.8300	37.9100	50.0500	0.0198		
29/03/2018	96.5914	0.6137	0.1553	0.7720	1.6136	240.9642	18.8100	37.9200	50.1000	0.0198		
30/03/2018	97.0494	0.7462	0.1694	0.9207	1.6913	242.1828	23.4400	37.9600	50.1400	0.0198		
31/03/2018	96.7317	0.6763	0.1740	0.8750	1.7976	241.6710	23.4400	37.9600	50.0000	0.0198		

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Mínimo	96.5914	0.6137	0.1470	0.7720	1.5302	216.0238	18.8100	37.9100	50.0000	0.0018		
Promedio	96.8393	0.7159	0.1796	0.9123	1.7563	240.0409	22.6887	37.9794	50.1255	0.0140		
Máximo	97.1534	0.8302	0.2328	1.0186	2.0446	249.3497	25.9500	38.0600	50.2200	0.0198		
Desv. Est.	0.17069	0.05143	0.02209	0.06025	0.11227	8.57195	1.69900	0.03732	0.05098	0.00755		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.