

**PERMISIONARIO: Centro Nacional de Control del Gas Natural**
**PUNTO DE MEDICIÓN: Torreón**
**ZONA DE MEDICIÓN: RESTO DEL PAIS**

FECHA: (dd/mm/aa)	Metano (%vol)	Etano (%vol)	Nitrógeno (%vol)	Bióxido de Carbono (%vol)	Total de inertes (%vol)	Poder calorífico (MJ/m³)	Índice Wobbe (MJ/m³)	Temperatura de rocío de hidrocarburos (°K)	Humedad (mg/m³)	Acido sulfhídrico (mg/m³)	Oxígeno (% vol)	Azufre Total (mg/m³)
01/12/2018	95.4903	3.1266	0.3129	0.8920	1.2049	38.3329	50.2448	241.9811	16.5120	0.0000	N.D.	Menor a 10.8
02/12/2018	95.4482	3.1715	0.3149	0.8626	1.1775	38.3749	50.2883	248.7543	17.2795	0.0000		
03/12/2018	95.2493	3.3219	0.2882	0.9275	1.2157	38.4114	50.2762	250.6816	21.6210	0.0000		
04/12/2018	95.2077	3.4579	0.2460	0.8965	1.1426	38.4609	50.3455	245.4290	18.2381	0.0000		
05/12/2018	95.2171	3.4030	0.2655	0.8970	1.1625	38.4544	50.3324	245.9510	16.9952	0.0000		
06/12/2018	95.1477	3.4577	0.2841	0.8871	1.1712	38.4711	50.3403	246.8936	19.1710	0.0000		
07/12/2018	95.1532	3.4299	0.2908	0.8946	1.1854	38.4725	50.3328	251.4421	18.7079	0.0000		
08/12/2018	95.2416	3.3524	0.2863	0.9189	1.2052	38.4110	50.2829	242.9894	16.3431	0.0000		
09/12/2018	95.3449	3.3292	0.2493	0.9071	1.1564	38.4033	50.3038	241.6001	16.5964	0.0000		
10/12/2018	95.2867	3.4166	0.2587	0.8537	1.1124	38.4551	50.3663	243.4724	15.4167	0.0000		
11/12/2018	95.0734	3.5397	0.2491	0.9195	1.1686	38.4940	50.3469	250.3864	14.0915	0.0000		
12/12/2018	95.0022	3.6111	0.2579	0.9226	1.1804	38.5014	50.3451	248.8641	13.3872	0.0000		
13/12/2018	95.0104	3.6161	0.2700	0.9042	1.1741	38.5010	50.3522	248.8676	15.7522	0.0000		
14/12/2018	95.1309	3.4844	0.2537	0.9274	1.1811	38.4668	50.3238	251.1362	17.1425	0.0000		
15/12/2018	95.1387	3.5367	0.2479	0.8580	1.1059	38.5161	50.4029	249.2272	15.6283	0.0000		
16/12/2018	95.1543	3.5632	0.2424	0.8498	1.0922	38.5063	50.4057	240.8401	14.2379	0.0000		
17/12/2018	95.2163	3.4294	0.2823	0.8715	1.1537	38.4624	50.3470	251.3579	16.8107	0.0000		
18/12/2018	95.0830	3.5634	0.2920	0.8719	1.1638	38.4862	50.3561	248.7623	17.2386	0.0000		
19/12/2018	95.1389	3.5193	0.2847	0.8365	1.1212	38.5101	50.3975	251.6937	17.0980	0.0000		
20/12/2018	95.2408	3.4255	0.2842	0.8234	1.1076	38.4900	50.3953	249.7352	17.5599	0.0000		
21/12/2018	95.2684	3.3679	0.2851	0.8624	1.1475	38.4522	50.3462	249.7951	15.7386	0.0000		
22/12/2018	95.3166	3.2700	0.2930	0.9169	1.2098	38.3923	50.2705	248.9487	15.5746	0.0000		
23/12/2018	95.1239	3.4283	0.2691	0.9939	1.2631	38.4061	50.2359	247.9787	15.2283	0.0000		
24/12/2018	95.1814	3.3835	0.2608	0.9935	1.2543	38.3937	50.2329	248.4995	14.5860	0.0000		
25/12/2018	95.1708	3.4158	0.2675	0.9624	1.2299	38.4129	50.2624	247.0001	15.7503	0.0000		
26/12/2018	95.2805	3.3273	0.2723	0.9369	1.2092	38.3959	50.2682	247.2006	18.3337	0.0000		
27/12/2018	95.4904	3.0952	0.2174	1.0072	1.2246	38.3325	50.2078	251.2281	17.8301	0.0000		
28/12/2018	95.4989	3.1627	0.1678	0.9725	1.1404	38.3922	50.2886	255.3727	20.1236	0.0000		
29/12/2018	95.3330	3.3211	0.1741	0.9854	1.1595	38.4206	50.2933	252.6663	19.5015	0.0000		
30/12/2018	95.3284	3.2950	0.1697	1.0110	1.1808	38.4136	50.2734	254.5446	18.3924	0.0000		
31/12/2018	95.5643	3.0166	0.1475	1.0815	1.2290	38.3115	50.1761	253.0041	17.5087	0.0000		

\*/ Los valores trimestrales se deberán reportar en los meses de marzo, junio, septiembre y diciembre de cada año, respecto del trimestre inmediato anterior.

<b>Mínimo</b>	95.0022	3.0166	0.1475	0.8234	1.0922	38.3115	50.1761	240.8401	13.3872	0.0000		
<b>Promedios</b>	95.2430	3.3819	0.2576	0.9176	1.1752	38.4357	50.3110	248.5904	16.9160	0.0000		
<b>Máximo</b>	95.5643	3.6161	0.3149	1.0815	1.2631	38.5161	50.4057	255.3727	21.6210	0.0000		
<b>Desv. Est.</b>	0.1438	0.1507	0.0420	0.0596	0.0432	0.0554	0.0585	3.6623	1.8399	0.0000		

**Observaciones:**

**PERMISIONARIO: Centro Nacional de Control del Gas Natural**
**PUNTO DE MEDICIÓN: Torreón**
**ZONA DE MEDICIÓN: RESTO DEL PAIS**

FECHA: (dd/mm/aa)	Metano (%vol)	Etano (%vol)	Nitrógeno (%vol)	Bióxido de Carbono (%vol)	Total de inertes (%vol)	Poder calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Temperatura de rocío de hidrocarburos (°K)	Humedad (mg/m <sup>3</sup> )	Acido sulfhídrico (mg/m <sup>3</sup> )	Oxígeno (% vol)	Azufre Total (mg/m <sup>3</sup> )
01/12/2018	95.6294	3.2351	0.3243	0.9689	1.2783	38.3838	50.2972	252.4578	19.5612	0.0000		
02/12/2018	95.6059	3.3831	0.3546	0.9354	1.2900	38.4327	50.3615	253.8505	19.3967	0.0000		
03/12/2018	95.3946	3.4577	0.3080	0.9668	1.2511	38.4500	50.3090	253.2834	24.8081	0.0000		
04/12/2018	95.3792	3.5990	0.2693	0.9756	1.2109	38.5150	50.3966	254.2628	20.6689	0.0000		
05/12/2018	95.4156	3.5910	0.2860	0.9388	1.2207	38.5034	50.3862	254.6579	18.3771	0.0000		
06/12/2018	95.3677	3.6286	0.3009	0.9070	1.1980	38.5263	50.4005	252.4928	22.6148	0.0000		
07/12/2018	95.3389	3.7012	0.3092	0.9315	1.2242	38.6310	50.4078	292.2176	22.6835	0.0000		
08/12/2018	95.3326	3.4549	0.3019	0.9582	1.2536	38.4550	50.3437	247.1309	17.9872	0.0000		
09/12/2018	95.5769	3.4714	0.2664	0.9954	1.2453	38.4611	50.3557	245.9403	17.6866	0.0000		
10/12/2018	95.4239	3.6938	0.2810	0.9167	1.1606	38.5513	50.4372	250.3810	16.4040	0.0000		
11/12/2018	95.3601	3.9576	0.2659	0.9497	1.2126	38.6152	50.4101	253.7699	15.6889	0.0000		
12/12/2018	95.1498	3.8328	0.2768	0.9944	1.2613	38.6012	50.4503	253.2242	14.7043	0.0000		
13/12/2018	95.2017	3.8044	0.2842	0.9287	1.2119	38.5937	50.4462	252.6226	18.2955	0.0000		
14/12/2018	95.3819	3.7023	0.2697	0.9518	1.2138	38.5291	50.3545	254.7354	19.5522	0.0000		
15/12/2018	95.2954	3.7434	0.2683	0.9307	1.1990	38.5542	50.4522	253.4381	16.8095	0.0000		
16/12/2018	95.3476	3.7109	0.2533	0.8935	1.1293	38.5810	50.4752	246.3751	15.1227	0.0000		
17/12/2018	95.3589	3.5223	0.3055	0.9543	1.2110	38.4953	50.3996	256.1114	18.0701	0.0000		
18/12/2018	95.1819	3.7139	0.3009	0.9014	1.1912	38.5291	50.3808	253.2307	20.7376	0.0000		
19/12/2018	95.3080	3.7511	0.3022	0.8645	1.1517	38.5921	50.4567	256.0670	18.6634	0.0000		
20/12/2018	95.3207	3.6056	0.3010	0.8553	1.1446	38.5547	50.4505	253.6487	20.3360	0.0000		
21/12/2018	95.4062	3.4884	0.2909	0.9241	1.2033	38.5027	50.4071	255.5097	17.9043	0.0000		
22/12/2018	95.3691	3.3425	0.3059	0.9489	1.2323	38.4384	50.3036	255.9679	19.5003	0.0000		
23/12/2018	95.3161	3.6603	0.2958	1.0547	1.2968	38.4709	50.2787	253.2089	18.5935	0.0000		
24/12/2018	95.3134	3.4760	0.2754	1.0263	1.2762	38.4334	50.2767	254.4825	17.5493	0.0000		
25/12/2018	95.3141	3.4972	0.2822	0.9943	1.2616	38.4373	50.2895	255.9029	18.9277	0.0000		
26/12/2018	95.4143	3.5058	0.3070	0.9718	1.2351	38.4480	50.3033	253.6236	22.1458	0.0000		
27/12/2018	95.8422	3.3227	0.2828	1.0627	1.2828	38.4189	50.2801	256.9684	20.7156	0.0000		
28/12/2018	96.1357	4.0804	0.2010	1.0944	1.2461	38.6894	50.5353	259.0241	22.8078	0.0000		
29/12/2018	95.5089	3.7802	0.2203	1.0325	1.2521	38.6080	50.4728	255.4105	20.4331	0.0000		
30/12/2018	95.5825	3.5269	0.1842	1.0559	1.2150	38.4858	50.3249	257.1185	19.4770	0.0000		
31/12/2018	95.7301	3.3884	0.1560	1.1099	1.2556	38.4922	50.3068	256.2043	18.3655	0.0000		

\*/ Los valores trimestrales se deberán reportar en los meses de marzo, junio, septiembre y diciembre de cada año, respecto del trimestre inmediato anterior.

<b>Mínimo</b>	95.1498	3.2351	0.1560	0.8553	1.1293	38.3838	50.2767	245.9403	14.7043	0.0000		
<b>Promedios</b>	95.4291	3.6009	0.2784	0.9676	1.2263	38.5155	50.3790	254.9458	19.1803	0.0000		
<b>Máximo</b>	96.1357	4.0804	0.3546	1.1099	1.2968	38.6894	50.5353	292.2176	24.8081	0.0000		
<b>Desv. Est.</b>	0.2005	0.1893	0.0407	0.0630	0.0425	0.0736	0.0702	7.5193	2.3243	0.0000		

**Observaciones:**

**PERMISIONARIO: Centro Nacional de Control del Gas Natural**
**PUNTO DE MEDICIÓN: Torreón**
**ZONA DE MEDICIÓN: RESTO DEL PAIS**

FECHA: (dd/mm/aa)	Metano (%vol)	Etano (%vol)	Nitrógeno (%vol)	Bióxido de Carbono (%vol)	Total de inertes (%vol)	Poder calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Temperatura de rocío de hidrocarburos (°K)	Humedad (mg/m <sup>3</sup> )	Acido sulfhídrico (mg/m <sup>3</sup> )	Oxígeno (% vol)	Azufre Total (mg/m <sup>3</sup> )
01/12/2018	95.2665	3.0185	0.3047	0.8293	1.1354	38.2872	50.2006	229.5830	13.1030	0.0000		
02/12/2018	95.1457	3.0203	0.2973	0.8045	1.1018	38.2990	50.1759	242.4817	15.2484	0.0000		
03/12/2018	95.1051	3.1684	0.2384	0.8964	1.1876	38.3795	50.2566	246.1503	18.6893	0.0000		
04/12/2018	95.0872	3.1957	0.2353	0.8637	1.1118	38.3801	50.2490	234.7151	15.9195	0.0000		
05/12/2018	94.9807	3.2536	0.2309	0.8487	1.1137	38.3979	50.2940	239.6424	15.8793	0.0000		
06/12/2018	94.9695	3.2444	0.2730	0.8438	1.1204	38.4110	50.2933	240.5373	15.8884	0.0000		
07/12/2018	94.8403	3.2768	0.2762	0.8720	1.1574	38.3884	50.2661	240.7139	15.7614	0.0000		
08/12/2018	95.1190	3.2664	0.2670	0.8676	1.1451	38.3759	50.2453	236.8150	14.6887	0.0000		
09/12/2018	95.1702	3.1347	0.2358	0.8747	1.1252	38.3485	50.2319	228.9037	15.0904	0.0000		
10/12/2018	95.0057	3.2882	0.2394	0.7948	1.0753	38.3933	50.2938	231.7941	14.4840	0.0000		
11/12/2018	94.5958	3.2516	0.2349	0.8494	1.1120	38.3908	50.2625	243.7777	12.2000	0.0000		
12/12/2018	94.7133	3.4390	0.2469	0.8575	1.1071	38.4096	50.2450	244.6895	12.2376	0.0000		
13/12/2018	94.8541	3.4098	0.2527	0.8562	1.1089	38.4353	50.3019	243.0787	13.4360	0.0000		
14/12/2018	94.8989	3.2769	0.2425	0.8773	1.1203	38.4177	50.2921	246.3556	15.0670	0.0000		
15/12/2018	94.9304	3.3615	0.2192	0.8126	1.0567	38.4574	50.3200	242.9772	13.6212	0.0000		
16/12/2018	95.0296	3.3803	0.2305	0.8035	1.0423	38.4255	50.3431	234.0767	12.3814	0.0000		
17/12/2018	95.0901	3.1887	0.2393	0.8329	1.0805	38.4190	50.3112	241.6943	14.7872	0.0000		
18/12/2018	94.9179	3.4903	0.2802	0.8505	1.1433	38.4533	50.3241	243.7035	14.8403	0.0000		
19/12/2018	94.9033	3.3555	0.2605	0.8112	1.0747	38.4631	50.3569	247.4747	15.4984	0.0000		
20/12/2018	95.0871	3.3220	0.2641	0.8008	1.0718	38.4494	50.3537	244.8767	14.2094	0.0000		
21/12/2018	95.1825	3.1991	0.2788	0.8149	1.0991	38.3734	50.2640	246.5537	13.1276	0.0000		
22/12/2018	95.2219	3.2155	0.2778	0.8969	1.1863	38.3630	50.2394	244.5730	13.1082	0.0000		
23/12/2018	94.8971	3.2420	0.2378	0.9346	1.2248	38.3712	50.1918	243.7540	13.0654	0.0000		
24/12/2018	95.0811	3.2520	0.2480	0.9588	1.2192	38.3479	50.1996	242.9020	12.9398	0.0000		
25/12/2018	95.0708	3.2551	0.2482	0.9345	1.2063	38.3495	50.2046	241.1158	12.7416	0.0000		
26/12/2018	95.1005	3.2157	0.2533	0.9049	1.1837	38.3578	50.2273	236.8390	15.5101	0.0000		
27/12/2018	95.2608	2.7602	0.1823	0.9629	1.1743	38.2603	50.1418	242.7121	15.8560	0.0000		
28/12/2018	94.6669	2.5002	0.1512	0.8623	1.0170	38.1867	50.1421	252.9521	17.4068	0.0000		
29/12/2018	94.9702	3.0627	0.1475	0.8923	1.0457	38.3028	50.1723	247.2719	18.0804	0.0000		
30/12/2018	95.0661	3.1014	0.1537	0.9726	1.1470	38.3411	50.2262	249.2805	17.1464	0.0000		
31/12/2018	95.1346	2.8552	0.1399	1.0418	1.1856	38.2355	50.1144	248.5650	16.3587	0.0000		

\*/ Los valores trimestrales se deberán reportar en los meses de marzo, junio, septiembre y diciembre de cada año, respecto del trimestre inmediato anterior.

<b>Mínimo</b>	94.5958	2.5002	0.1399	0.7948	1.0170	38.1867	50.1144	228.9037	12.2000	0.0000		
<b>Promedios</b>	95.0117	3.1936	0.2383	0.8717	1.1252	38.3700	50.2497	241.9536	14.7862	0.0000		
<b>Máximo</b>	95.2665	3.4903	0.3047	1.0418	1.2248	38.4631	50.3569	252.9521	18.6893	0.0000		
<b>Desv. Est.</b>	0.1642	0.2019	0.0426	0.0584	0.0537	0.0657	0.0635	5.7011	1.7295	0.0000		

**Observaciones:**

**PERMISIONARIO: Centro Nacional de Control del Gas Natural**
**PUNTO DE MEDICIÓN: Venta de Carpio 36"**
**ZONA DE MEDICIÓN: SUR**

FECHA: (dd/mm/aa)	Metano (%vol)	Etano (%vol)	Nitrógeno (%vol)	Bióxido de Carbono (%vol)	Total de inertes (%vol)	Poder calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Temperatura de rocío de hidrocarburos (°K)	Humedad (mg/m <sup>3</sup> )	Acido sulfhídrico (mg/m <sup>3</sup> )	Oxígeno (% vol)	Azufre Total (mg/m <sup>3</sup> )
01/12/2018	95.2401	3.3521	0.2505	0.8975	1.1480	38.4661	50.3455	241.2714	11.8209	0.0000	N.D.	Menor a 10.8
02/12/2018	95.3466	3.2777	0.2730	0.8791	1.1520	38.4209	50.3223	240.7004	12.3944	0.0000		
03/12/2018	95.2327	3.3565	0.2860	0.8667	1.1527	38.4665	50.3509	243.2143	15.0990	0.0000		
04/12/2018	95.1596	3.4327	0.2724	0.8686	1.1410	38.4992	50.3745	244.7932	16.4509	0.0000		
05/12/2018	95.0703	3.5181	0.2501	0.8676	1.1178	38.5486	50.4134	244.2329	14.9873	0.0000		
06/12/2018	95.0172	3.5788	0.2467	0.8822	1.1289	38.5499	50.4057	244.3665	15.0879	0.0000		
07/12/2018	95.0392	3.5486	0.2612	0.8680	1.1292	38.5454	50.4064	242.9516	13.9277	0.0000		
08/12/2018	95.0870	3.5192	0.2639	0.8554	1.1193	38.5350	50.4080	241.6269	15.5952	0.0000		
09/12/2018	95.1493	3.4471	0.2594	0.8838	1.1432	38.4952	50.3676	240.6245	14.5036	0.0000		
10/12/2018	95.2116	3.4285	0.2369	0.8697	1.1066	38.4997	50.3903	240.4828	13.6251	0.0000		
11/12/2018	95.0306	3.5707	0.2359	0.8366	1.0725	38.5993	50.4704	240.9198	12.7385	0.0000		
12/12/2018	95.0381	3.5594	0.2299	0.8563	1.0862	38.5863	50.4520	242.2029	11.8399	0.0000		
13/12/2018	94.8394	3.7387	0.2349	0.8949	1.1298	38.6054	50.4339	241.8414	10.9379	0.0000		
14/12/2018	94.7399	3.8490	0.2400	0.8536	1.0935	38.6673	50.4955	241.6511	10.8978	0.0000		
15/12/2018	94.8708	3.7413	0.2373	0.8853	1.1226	38.5939	50.4330	242.4687	11.5380	0.0000		
16/12/2018	94.8883	3.7278	0.2318	0.8395	1.0713	38.6381	50.4924	242.1785	11.9695	0.0000		
17/12/2018	94.8204	3.8207	0.2267	0.8173	1.0440	38.6740	50.5307	239.4425	11.2064	0.0000		
18/12/2018	94.8630	3.7592	0.2434	0.8223	1.0657	38.6473	50.5044	240.6733	12.2925	0.0000		
19/12/2018	94.9029	3.7166	0.2553	0.8301	1.0853	38.6175	50.4766	241.3778	12.6623	0.0000		
20/12/2018	94.9086	3.6991	0.2492	0.8216	1.0708	38.6359	50.4956	243.2872	11.4242	0.0000		
21/12/2018	94.9640	3.6022	0.2303	0.8183	1.0485	38.6611	50.5205	249.9580	15.6981	0.0000		
22/12/2018	94.8964	3.6763	0.2330	0.7966	1.0296	38.6953	50.5539	247.1906	19.1846	0.0000		
23/12/2018	95.1926	3.4245	0.2579	0.8276	1.0855	38.5348	50.4299	241.1356	13.0451	0.0000		
24/12/2018	95.2327	3.3645	0.2677	0.8840	1.1517	38.4609	50.3441	235.6927	11.6935	0.0000		
25/12/2018	95.1737	3.4087	0.2509	0.9337	1.1846	38.4507	50.3115	236.4166	11.7088	0.0000		
26/12/2018	95.1809	3.4279	0.2539	0.9508	1.2046	38.4192	50.2804	234.9234	11.7611	0.0000		
27/12/2018	95.0757	3.4797	0.2439	0.9136	1.1575	38.5174	50.3665	241.6863	13.2278	0.0000		
28/12/2018	94.9151	3.6288	0.2346	0.8598	1.0944	38.6355	50.4752	248.2420	17.2320	0.0000		
29/12/2018	95.0791	3.4345	0.2161	0.8990	1.1151	38.5836	50.4266	252.9242	19.2254	0.0000		
30/12/2018	95.1201	3.3749	0.1927	0.8688	1.0616	38.6371	50.4885	252.8744	16.4043	0.0000		
31/12/2018	94.9721	3.5155	0.1921	0.8915	1.0836	38.6576	50.4848	250.5753	17.7936	0.0000		

\*/ Los valores trimestrales se deberán reportar en los meses de marzo, junio, septiembre y diciembre de cada año, respecto del trimestre inmediato anterior.

<b>Mínimo</b>	94.7399	3.2777	0.1921	0.7966	1.0296	38.4192	50.2804	234.9234	10.8978	0.0000		
<b>Promedios</b>	95.0406	3.5477	0.2438	0.8658	1.1096	38.5660	50.4275	242.9654	13.8056	0.0000		
<b>Máximo</b>	95.3466	3.8490	0.2860	0.9508	1.2046	38.6953	50.5539	252.9242	19.2254	0.0000		
<b>Desv. Est.</b>	0.1508	0.1542	0.0207	0.0352	0.0422	0.0807	0.0701	4.3689	2.4347	0.0000		

**Observaciones:**