

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)



PERMISIONARIO: **Fermaca Pipeline La Laguna, S. de R.L. de C.V.**  
 PUNTO DE MEDICIÓN: **Aguascalientes**  
 ZONA DE MEDICIÓN: **RESTO DEL PAÍS**

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocío (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)
01/01/2022	96.0189	0.1153	1.2696	1.3848	2.5571	233.9321	19.5267	38.0111	50.1708	0.3117		
02/01/2022	96.5076	0.0817	1.3093	1.3910	2.0688	233.3444	19.4225	37.8652	50.0922	0.2996		
03/01/2022	96.2181	0.0872	1.3371	1.4243	2.3092	233.3671	20.3167	37.9308	50.1131	0.3100		
04/01/2022	96.5645	0.1388	1.2617	1.4005	1.9920	233.0931	19.5350	37.8464	50.0631	0.3383		
05/01/2022	96.6485	0.1313	1.2585	1.3898	1.9151	233.1397	19.5971	37.8309	50.0610	0.3292		
06/01/2022	96.1107	0.1373	1.2506	1.3879	2.4505	232.2667	19.9246	37.9872	50.1502	0.3308		
07/01/2022	96.2280	0.1249	1.2778	1.4027	2.3273	230.8734	19.8550	37.9406	50.1196	0.3296		
08/01/2022	95.6728	0.1493	1.2667	1.4159	2.8370	232.1022	20.3042	38.1011	50.1997	0.3308		
09/01/2022	95.6884	0.1314	1.2429	1.3744	2.8735	232.8215	19.8821	38.1219	50.2351	0.3229		
10/01/2022	96.2859	0.1023	1.2891	1.3915	2.2855	232.1211	19.3558	37.9300	50.1242	0.3196		
11/01/2022	95.4798	0.1186	1.2983	1.4168	3.0639	232.0741	19.9192	38.1438	50.2314	0.4975		
12/01/2022	95.6816	0.1243	1.2568	1.3811	2.8910	231.4436	19.9600	38.1124	50.2285	0.6175		
13/01/2022	96.4520	0.1348	1.2199	1.3547	2.1487	231.0384	20.7763	37.9092	50.1214	0.2908		
14/01/2022	96.4836	0.1001	1.2398	1.3399	2.1341	231.1514	21.1179	37.9094	50.1368	0.2913		
15/01/2022	96.3529	0.1149	1.2497	1.3646	2.2327	231.5833	20.2983	37.9327	50.1352	0.2908		
16/01/2022	95.7280	0.1119	1.3009	1.4127	2.8084	232.0134	20.6688	38.0794	50.1979	0.2938		
17/01/2022	95.7255	0.1131	1.2905	1.4037	2.8275	231.3703	20.1908	38.0837	50.2043	0.2892		
18/01/2022	95.7414	0.1025	1.3045	1.4069	2.8082	231.0597	19.9908	38.0770	50.2015	0.2979		
19/01/2022	95.9728	0.0930	1.2907	1.3837	2.6020	230.9898	21.5346	38.0256	50.1850	0.3042		
20/01/2022	95.8003	0.1012	1.2778	1.3790	2.7756	230.8355	20.7138	38.0793	50.2160	0.2808		
21/01/2022	96.1528	0.0967	1.2405	1.3372	2.4649	230.9922	20.3104	38.0062	50.1945	0.2817		
22/01/2022	96.0886	0.0979	1.2437	1.3417	2.5258	230.8881	20.9658	38.0212	50.2008	0.2850		
23/01/2022	96.2300	0.1108	1.2215	1.3322	2.3973	230.7711	20.9583	37.9867	50.1822	0.2796		
24/01/2022	96.2629	0.1039	1.2410	1.3449	2.3528	230.6010	20.3679	37.9680	50.1673	0.2888		
25/01/2022	96.1586	0.1079	1.2125	1.3204	2.4769	230.3768	20.3221	38.0154	50.2049	0.2879		
26/01/2022	96.5162	0.0708	1.2832	1.3540	2.0895	231.2240	20.9283	37.8896	50.1261	0.3050		
27/01/2022	95.3660	0.2192	1.5663	1.7855	2.4600	231.5642	21.3558	38.0967	50.0602	0.2900		
28/01/2022	96.1149	0.1133	1.3243	1.4376	2.2986	231.4617	20.4671	37.9944	50.1341	0.2888		
29/01/2022	96.4417	0.0822	1.2418	1.3240	2.1885	230.8219	20.7471	37.9327	50.1619	0.2892		
30/01/2022	96.5676	0.0891	1.2538	1.3428	2.0561	230.8430	21.2954	37.8805	50.1216	0.2888		
31/01/2022	96.3365	0.0837	1.2973	1.3810	2.2471	230.6736	20.9621	37.9221	50.1291	0.2867		

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

Mínimo	95.3660	0.0708	1.2125	1.3204	1.9151	230.3768	19.3558	37.8309	50.0602	0.2796		
Promedio	96.1160	0.1126	1.2780	1.3906	2.4344	231.6399	20.3732	37.9881	50.1571	0.3177		
Máximo	96.6485	0.2192	1.5663	1.7855	3.0639	233.9321	21.5346	38.1438	50.2351	0.6175		
Desv. Est.	0.3493	0.0275	0.0618	0.0797	0.3061	0.9598	0.6008	0.0882	0.0507	0.0681		

Observaciones:

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

(Registros máximos diarios)



**PERMISIONARIO:** Fermaca Pipeline La Laguna, S. de R.L. de C.V.  
**PUNTO DE MEDICIÓN:** Aguascalientes  
**ZONA DE MEDICIÓN:** RESTO DEL PAÍS

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocío (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> )
01/01/2022	96.4501	0.1423	1.3135	1.4120	2.8248	234.8767	21.7800	38.0862	50.2178	0.3600
02/01/2022	96.6829	0.0976	1.3568	1.4370	2.4058	234.1411	21.5700	37.9668	50.1539	0.3500
03/01/2022	97.1107	0.1213	1.4038	1.4818	2.8977	234.0922	27.1300	38.1331	50.2194	0.3400
04/01/2022	97.2369	0.1899	1.3522	1.4522	2.5907	233.8501	21.5000	38.0369	50.1644	0.4100
05/01/2022	97.1520	0.1734	1.3708	1.4400	2.5071	233.8189	22.3500	38.0270	50.1610	0.3800
06/01/2022	96.9910	0.1762	1.3354	1.4531	3.0893	233.2678	22.4600	38.1893	50.2910	0.3700
07/01/2022	96.9478	0.1592	1.3583	1.4704	3.5216	231.8779	21.9200	38.2914	50.3081	0.4200
08/01/2022	96.2560	0.1635	1.3233	1.4823	3.3245	233.7719	21.9600	38.2418	50.2856	0.4100
09/01/2022	96.7312	0.1609	1.3181	1.4350	3.8580	233.7710	22.7800	38.4350	50.4396	0.4000
10/01/2022	96.8382	0.1610	1.3755	1.4642	2.7563	233.2054	21.5400	38.0406	50.2209	0.4000
11/01/2022	96.2562	0.1385	1.3485	1.4511	3.4774	232.6693	21.6600	38.2667	50.3165	3.3100
12/01/2022	96.3397	0.1401	1.3072	1.4319	3.3176	232.4980	22.3900	38.2332	50.3009	4.0300
13/01/2022	96.8496	0.1839	1.3110	1.4059	2.5746	231.6743	23.0800	38.0457	50.2061	0.3200
14/01/2022	96.6489	0.1323	1.2871	1.3716	2.4471	231.7696	23.7800	37.9915	50.1998	0.3200
15/01/2022	96.6943	0.1346	1.2890	1.3930	2.7715	232.3126	22.7400	38.0751	50.2091	0.3100
16/01/2022	96.4223	0.1188	1.3408	1.4500	3.1147	232.9349	23.5700	38.1920	50.2632	0.3200
17/01/2022	96.1987	0.1275	1.3722	1.4633	3.1066	231.9177	22.6300	38.1670	50.2571	0.3200
18/01/2022	96.2292	0.1151	1.3400	1.4402	3.0708	231.8778	22.6700	38.1687	50.2683	0.3200
19/01/2022	96.1883	0.0996	1.3146	1.4068	2.7120	231.7492	23.2200	38.0529	50.2119	0.3300
20/01/2022	96.0508	0.1225	1.3255	1.4270	3.0314	231.5676	22.6100	38.1549	50.2622	0.3000
21/01/2022	96.4990	0.1046	1.2736	1.3709	2.7041	231.6651	22.4500	38.0756	50.2346	0.3100
22/01/2022	96.2663	0.1204	1.2737	1.3888	2.8124	231.9891	22.8700	38.0979	50.2355	0.3100
23/01/2022	96.3737	0.1187	1.2360	1.3419	2.6229	231.3976	22.2400	38.0529	50.2169	0.3100
24/01/2022	96.4137	0.1136	1.2517	1.3623	2.5888	231.4742	22.4500	38.0328	50.1955	0.3100
25/01/2022	96.7798	0.1421	1.2776	1.3526	2.9323	231.2074	22.7000	38.1557	50.2875	0.3200
26/01/2022	96.8653	0.0825	1.3373	1.4007	2.3783	232.0827	22.9200	37.9815	50.1851	0.3200
27/01/2022	96.7104	0.9811	2.4971	3.4783	5.0218	232.7394	26.5400	39.4244	52.1412	0.3300
28/01/2022	96.7238	0.4976	1.8414	2.3390	3.3464	245.0152	24.0900	38.5259	50.2045	0.3200
29/01/2022	96.6088	0.1080	1.2776	1.3682	2.3777	231.7067	24.5300	37.9995	50.2001	0.3300
30/01/2022	96.7733	0.1080	1.3231	1.3979	2.3483	231.7582	24.2600	37.9662	50.1837	0.3200
31/01/2022	96.6083	0.0883	1.3685	1.4521	2.5100	231.7144	24.1200	37.9919	50.1767	0.3300
<b>Máximo</b>	97.2369	0.9811	2.4971	3.4783	5.0218	245.0152	27.1300	39.4244	52.1412	4.0300

**Observaciones:**

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(Registros mínimos diarios)



**PERMISIONARIO:** Fermaca Pipeline La Laguna, S. de R.L. de C.V.  
**PUNTO DE MEDICIÓN:** Aguascalientes  
**ZONA DE MEDICIÓN:** RESTO DEL PAÍS

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> )
01/01/2022	95.7404	0.0806	1.1992	1.3283	2.1278	233.1180	15.9900	37.8847	50.1051	0.2900
02/01/2022	96.1718	0.0626	1.2641	1.3615	1.9048	232.9045	16.1400	37.8100	50.0519	0.2600
03/01/2022	95.5683	0.0598	1.2951	1.3789	1.4683	232.7071	16.1500	37.6887	49.9938	0.2800
04/01/2022	95.9290	0.0902	1.1814	1.3702	1.3430	232.4883	15.9400	37.6551	49.9549	0.2900
05/01/2022	96.0029	0.0692	1.1979	1.3449	1.4209	232.5798	15.7700	37.6822	49.9808	0.3000
06/01/2022	95.5078	0.1092	1.2123	1.3458	1.5794	231.2575	16.4300	37.7359	49.9978	0.2900
07/01/2022	94.9931	0.1080	1.1988	1.3346	1.6082	229.4695	16.7400	37.7188	49.9888	0.3000
08/01/2022	95.1408	0.1348	1.2270	1.3738	2.2789	229.6302	16.9000	37.9254	50.0713	0.2800
09/01/2022	94.7217	0.1107	1.1805	1.3045	1.8101	232.3242	16.4000	37.8364	50.0670	0.2800
10/01/2022	95.7653	0.0494	1.2273	1.3363	1.7280	231.4055	16.4700	37.7783	50.0217	0.2800
11/01/2022	95.0284	0.0934	1.2444	1.3714	2.3269	231.5875	16.4300	37.9430	50.1271	0.0900
12/01/2022	95.2258	0.0915	1.1915	1.3285	2.2895	230.6110	16.6800	37.9559	50.1436	0.2600
13/01/2022	96.0425	0.0720	1.1686	1.3189	1.7332	230.7470	17.4200	37.7736	50.0456	0.2700
14/01/2022	96.1542	0.0433	1.1990	1.2984	1.9578	230.6008	17.6100	37.8552	50.0946	0.2600
15/01/2022	95.8037	0.1032	1.2011	1.3293	1.9187	230.8287	17.2700	37.8500	50.0973	0.2600
16/01/2022	95.3812	0.1061	1.2364	1.3451	2.1876	230.9345	17.1100	37.9244	50.1410	0.2700
17/01/2022	95.4524	0.0886	1.2306	1.3513	2.4002	230.6853	16.9600	37.9780	50.1615	0.2500
18/01/2022	95.5029	0.0912	1.2468	1.3619	2.3318	230.7004	16.8900	37.9432	50.1287	0.2600
19/01/2022	95.8316	0.0857	1.2717	1.3588	2.3747	230.6773	17.1000	37.9514	50.1307	0.2700
20/01/2022	95.5515	0.0702	1.2125	1.3218	2.5274	230.3974	16.9300	38.0034	50.1705	0.2600
21/01/2022	95.9153	0.0817	1.1864	1.2853	2.1690	230.4414	16.6900	37.9312	50.1697	0.2600
22/01/2022	95.7575	0.0622	1.2216	1.3074	2.3407	230.0026	16.3600	37.9606	50.1581	0.2600
23/01/2022	95.9960	0.1043	1.1929	1.3116	2.2485	230.0349	18.1300	37.9386	50.1525	0.2500
24/01/2022	96.0071	0.0969	1.2286	1.3275	2.2197	229.9425	17.0300	37.9333	50.1530	0.2600
25/01/2022	95.7177	0.0635	1.1499	1.2920	1.8645	229.7942	17.0300	37.8337	50.1104	0.2600
26/01/2022	96.2447	0.0627	1.2412	1.3085	1.7998	229.9790	17.5100	37.8157	50.0803	0.2900
27/01/2022	89.5315	0.0433	1.2710	1.3483	1.7018	230.5086	16.5500	37.7536	49.8523	0.2400
28/01/2022	93.3794	0.0554	1.2323	1.2947	1.9186	230.2251	16.5600	37.8539	49.9916	0.2700
29/01/2022	96.2232	0.0623	1.1986	1.2947	1.9960	230.1912	16.3000	37.8522	50.0916	0.2500
30/01/2022	96.2711	0.0748	1.1986	1.2967	1.8980	230.2035	16.3800	37.8201	50.0682	0.2500
31/01/2022	96.0597	0.0781	1.2562	1.3389	2.0045	230.1633	15.9500	37.8658	50.0865	0.2600
<b>Mínimo</b>	89.5315	0.0433	1.1499	1.2853	1.3430	229.4695	15.7700	37.6551	49.8523	0.0900

**Observaciones:**