

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

(Valores promedio diarios)



|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | <b>TERMINAL KMS DE GNL S. DE R.L DE C.V</b> |
| <b>PUNTO DE MEDICIÓN:</b> | <b>ESTACION DE MEDICION GUADALAJARA</b>     |
| <b>ZONA DE MEDICIÓN:</b>  | <b>RESTO DEL PAÍS</b>                       |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de Rocío<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido Sulhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|-----------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
| 1/1/2018             | 97.1930           | 0.0000                        | 0.0304               | 0.0304                   | 2.4359           | 198.9504                    | 7.0922                          | 38.6831                                  | 51.2140                              | 0.0000                                   | 0.0000                                | 0.0000              |
| 1/2/2018             | 97.1855           | 0.0000                        | 0.0271               | 0.0271                   | 2.4440           | 199.0073                    | 6.7154                          | 38.6883                                  | 51.2185                              | 0.0000                                   |                                       |                     |
| 1/3/2018             | 97.1856           | 0.0000                        | 0.0269               | 0.0269                   | 2.4437           | 199.0148                    | 6.8380                          | 38.6885                                  | 51.2187                              | 0.0000                                   |                                       |                     |
| 1/4/2018             | 97.1656           | 0.0000                        | 0.0259               | 0.0259                   | 2.4621           | 199.0967                    | 6.8439                          | 38.6960                                  | 51.2235                              | 0.0000                                   |                                       |                     |
| 1/5/2018             | 97.1385           | 0.0000                        | 0.0245               | 0.0245                   | 2.4876           | 199.2195                    | 6.8111                          | 38.7058                                  | 51.2299                              | 0.0000                                   |                                       |                     |
| 1/6/2018             | 97.1616           | 0.0000                        | 0.0249               | 0.0249                   | 2.4663           | 199.1162                    | 7.2668                          | 38.6980                                  | 51.2250                              | 0.0000                                   |                                       |                     |
| 1/7/2018             | 97.1986           | 0.0000                        | 0.0279               | 0.0279                   | 2.4196           | 198.8265                    | 7.2819                          | 38.6636                                  | 51.2036                              | 0.0000                                   |                                       |                     |
| 1/8/2018             | 97.3702           | 0.0000                        | 0.0247               | 0.0247                   | 2.2396           | 198.6953                    | 7.1976                          | 38.6443                                  | 51.1948                              | 0.0000                                   |                                       |                     |
| 1/9/2018             | 97.3912           | 0.0000                        | 0.0248               | 0.0248                   | 2.2213           | 198.6151                    | 7.1699                          | 38.6372                                  | 51.1908                              | 0.0000                                   |                                       |                     |
| 1/10/2018            | 97.3745           | 0.0000                        | 0.0239               | 0.0239                   | 2.2367           | 198.6926                    | 7.0462                          | 38.6436                                  | 51.1949                              | 0.0000                                   |                                       |                     |
| 1/11/2018            | 97.3599           | 0.0000                        | 0.0234               | 0.0234                   | 2.2490           | 198.7853                    | 7.2992                          | 38.6365                                  | 51.1984                              | 0.0000                                   |                                       |                     |
| 1/12/2018            | 97.3326           | 0.0000                        | 0.0223               | 0.0223                   | 2.2777           | 198.8995                    | 7.2813                          | 38.6607                                  | 51.2053                              | 0.0000                                   |                                       |                     |
| 1/13/2018            | 97.3639           | 0.0000                        | 0.0235               | 0.0235                   | 2.2461           | 198.7365                    | 7.2038                          | 38.6475                                  | 51.1970                              | 0.0000                                   |                                       |                     |
| 1/14/2018            | 97.3596           | 0.0000                        | 0.0233               | 0.0233                   | 2.2500           | 198.7464                    | 7.1858                          | 38.6491                                  | 51.1981                              | 0.0000                                   |                                       |                     |
| 1/15/2018            | 97.2952           | 0.0000                        | 0.0203               | 0.0203                   | 2.3077           | 199.0266                    | 6.9400                          | 38.6727                                  | 51.2130                              | 0.0000                                   |                                       |                     |
| 1/16/2018            | 96.9071           | 0.0000                        | 0.0410               | 0.0410                   | 2.7299           | 199.5873                    | 6.9712                          | 38.7526                                  | 51.2491                              | 0.0000                                   |                                       |                     |
| 1/17/2018            | 96.6700           | 0.0000                        | 0.0467               | 0.0467                   | 2.9949           | 199.9340                    | 6.6943                          | 38.8059                                  | 51.2752                              | 0.0000                                   |                                       |                     |
| 1/18/2018            | 96.7860           | 0.0000                        | 0.0411               | 0.0411                   | 2.8677           | 199.7497                    | 6.9296                          | 38.7816                                  | 51.2635                              | 0.0000                                   |                                       |                     |
| 1/19/2018            | 96.8408           | 0.0000                        | 0.0379               | 0.0379                   | 2.8119           | 199.6439                    | 6.8406                          | 38.7695                                  | 51.2589                              | 0.0000                                   |                                       |                     |
| 1/20/2018            | 96.8585           | 0.0000                        | 0.0386               | 0.0386                   | 2.7951           | 199.5661                    | 6.5968                          | 38.7614                                  | 51.2538                              | 0.0000                                   |                                       |                     |
| 1/21/2018            | 96.8784           | 0.0000                        | 0.0397               | 0.0397                   | 2.7751           | 199.5371                    | 6.8728                          | 38.7573                                  | 51.2516                              | 0.0000                                   |                                       |                     |
| 1/22/2018            | 96.8171           | 0.0000                        | 0.0370               | 0.0370                   | 2.8326           | 199.7562                    | 6.7095                          | 38.7780                                  | 51.2642                              | 0.0000                                   |                                       |                     |
| 1/23/2018            | 96.8355           | 0.0000                        | 0.0392               | 0.0392                   | 2.8141           | 199.6700                    | 6.7131                          | 38.7706                                  | 51.2585                              | 0.0000                                   |                                       |                     |
| 1/24/2018            | 96.8525           | 0.0000                        | 0.0388               | 0.0388                   | 2.7988           | 199.6184                    | 6.5092                          | 38.7654                                  | 51.2563                              | 0.0000                                   |                                       |                     |
| 1/25/2018            | 96.8147           | 0.0000                        | 0.0382               | 0.0382                   | 2.8361           | 199.7291                    | 6.5802                          | 38.7768                                  | 51.2623                              | 0.0000                                   |                                       |                     |
| 1/26/2018            | 96.7898           | 0.0000                        | 0.0330               | 0.0330                   | 2.8651           | 199.8255                    | 6.2015                          | 38.7882                                  | 51.2729                              | 0.0000                                   |                                       |                     |
| 1/27/2018            | 96.8336           | 0.0000                        | 0.0320               | 0.0320                   | 2.8214           | 199.7076                    | 6.3559                          | 38.7765                                  | 51.2650                              | 0.0000                                   |                                       |                     |
| 1/28/2018            | 96.8458           | 0.0000                        | 0.0325               | 0.0325                   | 2.8091           | 199.6870                    | 6.7942                          | 38.7729                                  | 51.2620                              | 0.0000                                   |                                       |                     |
| 1/29/2018            | 96.8269           | 0.0000                        | 0.0295               | 0.0295                   | 2.8289           | 199.7662                    | 6.6485                          | 38.7807                                  | 51.2695                              | 0.0000                                   |                                       |                     |
| 1/30/2018            | 96.8100           | 0.0000                        | 0.0280               | 0.0280                   | 2.8456           | 199.8216                    | 6.5405                          | 38.7872                                  | 51.2734                              | 0.0000                                   |                                       |                     |
| 1/31/2018            | 96.8026           | 0.0000                        | 0.0274               | 0.0274                   | 2.8532           | 199.8454                    | 6.3497                          | 38.7899                                  | 51.2749                              | 0.0000                                   |                                       |                     |

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

|                   |            |        |            |            |            |            |            |            |            |        |  |  |
|-------------------|------------|--------|------------|------------|------------|------------|------------|------------|------------|--------|--|--|
| <b>Mínimo</b>     | 96.6700    | 0.0000 | 0.0203     | 0.0203     | 2.2213     | 198.6151   | 6.2015     | 38.6365    | 51.1908    | 0.0000 |  |  |
| <b>Promedio</b>   | 97.0402    | 0.0000 | 0.0308     | 0.0308     | 2.5957     | 199.3185   | 6.8542     | 38.7235    | 51.2367    | 0.0000 |  |  |
| <b>Máximo</b>     | 97.3912    | 0.0000 | 0.0467     | 0.0467     | 2.9949     | 199.9340   | 7.2992     | 38.8059    | 51.2752    | 0.0000 |  |  |
| <b>Desv. Est.</b> | 0.24002752 | 0      | 0.00710827 | 0.00710827 | 0.25922327 | 0.44172595 | 0.30140837 | 0.05819238 | 0.02975965 | 0      |  |  |

Observaciones: Para los días 01, 24 y 31 se presentaron suspensiones y reanudaciones en el envío con motivo de indicaciones en la nominación de envío. No se detectaron desviaciones en la calidad química, y a su vez no se presentaron paros por emergencias operativas o por mantenimiento.

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

**(Registros máximos diarios)**



**PERMISIONARIO:**

**TERMINAL KMS DE GNL S. DE R.L DE C.V**

**PUNTO DE MEDICIÓN:**

**ESTACION DE MEDICION GUADALAJARA**

**ZONA DE MEDICIÓN:**

**RESTO DEL PAÍS**

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido Sulhídrico<br>(mg/m <sup>3</sup> ) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|
| 1/1/2018             | 97.1804           | 0.0000                           | 0.0322               | 0.0322                   | 2.4447           | 199.0094                       | 8.3201                          | 38.6866                                  | 51.2173                              | 0.0000                                   |
| 1/2/2018             | 97.1659           | 0.0000                           | 0.0309               | 0.0309                   | 2.4583           | 199.0822                       | 8.4513                          | 38.6937                                  | 51.2211                              | 0.0000                                   |
| 1/3/2018             | 97.1754           | 0.0000                           | 0.0311               | 0.0311                   | 2.4486           | 199.0856                       | 8.1013                          | 38.6909                                  | 51.2212                              | 0.0000                                   |
| 1/4/2018             | 97.1524           | 0.0000                           | 0.0292               | 0.0292                   | 2.4702           | 199.1670                       | 8.2529                          | 38.7010                                  | 51.2278                              | 0.0000                                   |
| 1/5/2018             | 97.1234           | 0.0000                           | 0.0278               | 0.0278                   | 2.4979           | 199.2745                       | 8.2762                          | 38.7097                                  | 51.2330                              | 0.0000                                   |
| 1/6/2018             | 97.1389           | 0.0000                           | 0.0288               | 0.0288                   | 2.4832           | 199.1868                       | 8.6625                          | 38.7046                                  | 51.2281                              | 0.0000                                   |
| 1/7/2018             | 96.6281           | 0.0000                           | 0.0715               | 0.0715                   | 2.9378           | 199.1647                       | 8.4354                          | 38.7012                                  | 51.2271                              | 0.0000                                   |
| 1/8/2018             | 97.3521           | 0.0000                           | 0.0282               | 0.0282                   | 2.2518           | 198.7479                       | 8.3790                          | 38.6499                                  | 51.1977                              | 0.0000                                   |
| 1/9/2018             | 97.3642           | 0.0000                           | 0.0286               | 0.0286                   | 2.2249           | 198.6647                       | 8.5824                          | 38.6396                                  | 51.1937                              | 0.0000                                   |
| 1/10/2018            | 97.3572           | 0.0000                           | 0.0272               | 0.0272                   | 2.2484           | 198.7662                       | 8.4884                          | 38.6488                                  | 51.1984                              | 0.0000                                   |
| 1/11/2018            | 97.3428           | 0.0000                           | 0.0265               | 0.0265                   | 2.2547           | 199.1507                       | 8.6106                          | 38.6524                                  | 51.2021                              | 0.0000                                   |
| 1/12/2018            | 97.3167           | 0.0000                           | 0.0281               | 0.0281                   | 2.2821           | 198.9416                       | 8.7215                          | 38.6636                                  | 51.2089                              | 0.0000                                   |
| 1/13/2018            | 97.3354           | 0.0000                           | 0.0273               | 0.0273                   | 2.2672           | 198.8364                       | 8.4173                          | 38.6567                                  | 51.2030                              | 0.0000                                   |
| 1/14/2018            | 97.3513           | 0.0000                           | 0.0269               | 0.0269                   | 2.2539           | 198.8504                       | 8.4144                          | 38.6508                                  | 51.2031                              | 0.0000                                   |
| 1/15/2018            | 97.2822           | 0.0000                           | 0.0235               | 0.0235                   | 2.3157           | 199.0794                       | 8.2819                          | 38.6772                                  | 51.2156                              | 0.0000                                   |
| 1/16/2018            | 96.5327           | 0.0000                           | 0.0731               | 0.0731                   | 3.0188           | 200.0115                       | 8.2876                          | 38.8154                                  | 51.2796                              | 0.0000                                   |
| 1/17/2018            | 96.6338           | 0.0000                           | 0.0521               | 0.0521                   | 3.0211           | 200.0458                       | 8.0333                          | 38.8139                                  | 51.2853                              | 0.0000                                   |
| 1/18/2018            | 96.6693           | 0.0000                           | 0.0463               | 0.0463                   | 2.9724           | 199.9145                       | 8.0625                          | 38.8040                                  | 51.2745                              | 0.0000                                   |
| 1/19/2018            | 96.8280           | 0.0000                           | 0.0434               | 0.0434                   | 2.8169           | 199.6692                       | 8.1591                          | 38.7721                                  | 51.2609                              | 0.0000                                   |
| 1/20/2018            | 96.8373           | 0.0000                           | 0.0420               | 0.0420                   | 2.8112           | 199.6628                       | 8.0466                          | 38.7699                                  | 51.2605                              | 0.0000                                   |
| 1/21/2018            | 96.8415           | 0.0000                           | 0.0416               | 0.0416                   | 2.8068           | 199.6894                       | 8.0075                          | 38.7695                                  | 51.2621                              | 0.0000                                   |
| 1/22/2018            | 96.8054           | 0.0000                           | 0.0408               | 0.0408                   | 2.8395           | 199.7989                       | 7.6740                          | 38.7811                                  | 51.2669                              | 0.0000                                   |
| 1/23/2018            | 96.8044           | 0.0000                           | 0.0413               | 0.0413                   | 2.8408           | 199.7272                       | 7.9511                          | 38.7812                                  | 51.2660                              | 0.0000                                   |
| 1/24/2018            | 96.8373           | 0.0000                           | 0.0415               | 0.0415                   | 2.8097           | 199.6974                       | 8.0074                          | 38.7702                                  | 51.2615                              | 0.0000                                   |
| 1/25/2018            | 96.7820           | 0.0000                           | 0.0408               | 0.0408                   | 2.8651           | 199.8389                       | 8.3552                          | 38.7879                                  | 51.2705                              | 0.0000                                   |
| 1/26/2018            | 96.7740           | 0.0000                           | 0.0368               | 0.0368                   | 2.8757           | 199.8977                       | 7.8426                          | 38.7929                                  | 51.2995                              | 0.0000                                   |
| 1/27/2018            | 96.7915           | 0.0000                           | 0.0343               | 0.0343                   | 2.8594           | 199.7950                       | 7.9258                          | 38.7895                                  | 51.2703                              | 0.0000                                   |
| 1/28/2018            | 96.8123           | 0.0000                           | 0.0393               | 0.0393                   | 2.8327           | 199.7762                       | 7.9778                          | 38.7829                                  | 51.2701                              | 0.0000                                   |
| 1/29/2018            | 96.7982           | 0.0000                           | 0.0309               | 0.0309                   | 2.8539           | 199.9061                       | 7.8484                          | 38.7905                                  | 51.2782                              | 0.0000                                   |
| 1/30/2018            | 96.8024           | 0.0000                           | 0.0297               | 0.0297                   | 2.8500           | 199.8912                       | 7.9614                          | 38.7894                                  | 51.2780                              | 0.0000                                   |
| 1/31/2018            | 96.7703           | 0.0000                           | 0.0290               | 0.0290                   | 2.8830           | 199.9268                       | 7.8455                          | 38.7980                                  | 51.2790                              | 0.0000                                   |
| <b>Máximo</b>        | 97.3642           | 0.0000                           | 0.0731               | 0.0731                   | 3.0211           | 200.0458                       | 8.7215                          | 38.8154                                  | 51.2995                              | 0.0000                                   |

Observaciones:

Para los días 01, 24 y 31 se presentaron suspensiones y reanudaciones en el envío con motivo de indicaciones en la nominación de envío. No se detectaron desviaciones en la calidad química, y a su vez no se presentaron paros por emergencias operativas o por mantenimiento.

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**(Registros mínimos diarios)**



**PERMISIONARIO:**

**TERMINAL KMS DE GNL S. DE R.L DE C.V**

**PUNTO DE MEDICIÓN:**

**ESTACION DE MEDICION GUADALAJARA**

**ZONA DE MEDICIÓN:**

**RESTO DEL PAÍS**

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido Sulhídrico<br>(mg/m <sup>3</sup> ) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|
| 1/1/2018             | 97.2136           | 0.0000                           | 0.0278               | 0.0278                   | 2.4201           | 198.8855                       | 6.0750                          | 38.6771                                  | 51.2117                              | 0.0000                                   |
| 1/2/2018             | 97.1951           | 0.0000                           | 0.0241               | 0.0241                   | 2.4386           | 198.9621                       | 4.7067                          | 38.6856                                  | 51.2151                              | 0.0000                                   |
| 1/3/2018             | 97.1923           | 0.0000                           | 0.0240               | 0.0240                   | 2.4411           | 198.9669                       | 5.3723                          | 38.6859                                  | 51.2153                              | 0.0000                                   |
| 1/4/2018             | 97.2045           | 0.0000                           | 0.0225               | 0.0225                   | 2.4319           | 198.9291                       | 5.6162                          | 38.6830                                  | 51.2138                              | 0.0000                                   |
| 1/5/2018             | 97.1600           | 0.0000                           | 0.0214               | 0.0214                   | 2.4711           | 199.1340                       | 4.9513                          | 38.6992                                  | 51.2251                              | 0.0000                                   |
| 1/6/2018             | 97.1761           | 0.0000                           | 0.0220               | 0.0220                   | 2.4568           | 199.0348                       | 5.3078                          | 38.6927                                  | 51.2202                              | 0.0000                                   |
| 1/7/2018             | 97.4173           | 0.0000                           | 0.0228               | 0.0228                   | 2.2222           | 198.5634                       | 5.5886                          | 38.6204                                  | 51.1862                              | 0.0000                                   |
| 1/8/2018             | 97.3846           | 0.0000                           | 0.0219               | 0.0219                   | 2.2297           | 198.5921                       | 5.0179                          | 38.6405                                  | 51.1891                              | 0.0000                                   |
| 1/9/2018             | 97.4095           | 0.0000                           | 0.0216               | 0.0216                   | 2.2171           | 198.5266                       | 5.4672                          | 38.6355                                  | 51.1868                              | 0.0000                                   |
| 1/10/2018            | 97.3918           | 0.0000                           | 0.0213               | 0.0213                   | 2.2243           | 198.6055                       | 5.4320                          | 38.6385                                  | 51.1912                              | 0.0000                                   |
| 1/11/2018            | 97.3786           | 0.0000                           | 0.0207               | 0.0207                   | 2.2358           | 198.6911                       | 5.4929                          | 38.3453                                  | 51.1948                              | 0.0000                                   |
| 1/12/2018            | 97.4521           | 0.0000                           | 0.0193               | 0.0193                   | 2.2679           | 198.8641                       | 5.6534                          | 38.6555                                  | 51.2036                              | 0.0000                                   |
| 1/13/2018            | 97.3803           | 0.0000                           | 0.0210               | 0.0210                   | 2.2344           | 198.6200                       | 4.8799                          | 38.6417                                  | 51.1902                              | 0.0000                                   |
| 1/14/2018            | 97.3721           | 0.0000                           | 0.0209               | 0.0209                   | 2.2424           | 198.6412                       | 5.3097                          | 38.6445                                  | 51.1929                              | 0.0000                                   |
| 1/15/2018            | 97.3256           | 0.0000                           | 0.0176               | 0.0176                   | 2.2840           | 198.9831                       | 5.2273                          | 38.6625                                  | 51.2102                              | 0.0000                                   |
| 1/16/2018            | 97.3626           | 0.0000                           | 0.0200               | 0.0200                   | 2.3326           | 199.0510                       | 4.9169                          | 38.6614                                  | 51.2083                              | 0.0000                                   |
| 1/17/2018            | 96.7024           | 0.0000                           | 0.0423               | 0.0423                   | 2.9705           | 199.8275                       | 4.5713                          | 38.7969                                  | 51.2663                              | 0.0000                                   |
| 1/18/2018            | 96.8549           | 0.0000                           | 0.0370               | 0.0370                   | 2.8164           | 199.6526                       | 4.5477                          | 38.7695                                  | 51.2573                              | 0.0000                                   |
| 1/19/2018            | 96.8511           | 0.0000                           | 0.0364               | 0.0364                   | 2.8043           | 199.6224                       | 5.6811                          | 38.7678                                  | 51.2577                              | 0.0000                                   |
| 1/20/2018            | 96.8886           | 0.0000                           | 0.0368               | 0.0368                   | 2.7695           | 199.4876                       | 4.7515                          | 38.7523                                  | 51.2479                              | 0.0000                                   |
| 1/21/2018            | 96.9255           | 0.0000                           | 0.0359               | 0.0359                   | 2.7332           | 199.4564                       | 5.5096                          | 38.7521                                  | 51.2458                              | 0.0000                                   |
| 1/22/2018            | 96.8472           | 0.0000                           | 0.0345               | 0.0345                   | 2.8082           | 199.6720                       | 5.4134                          | 38.7695                                  | 51.2594                              | 0.0000                                   |
| 1/23/2018            | 96.8638           | 0.0000                           | 0.0366               | 0.0366                   | 2.7903           | 199.5765                       | 4.8958                          | 38.7614                                  | 51.2524                              | 0.0000                                   |
| 1/24/2018            | 96.8745           | 0.0000                           | 0.0354               | 0.0354                   | 2.7833           | 199.5191                       | 4.5658                          | 38.7578                                  | 51.2495                              | 0.0000                                   |
| 1/25/2018            | 96.8473           | 0.0000                           | 0.0352               | 0.0352                   | 2.8085           | 199.6451                       | 4.6423                          | 38.7685                                  | 51.2568                              | 0.0000                                   |
| 1/26/2018            | 96.8063           | 0.0000                           | 0.0316               | 0.0316                   | 2.8518           | 199.7599                       | 5.1984                          | 38.7827                                  | 51.2678                              | 0.0000                                   |
| 1/27/2018            | 96.8604           | 0.0000                           | 0.0304               | 0.0304                   | 2.7991           | 199.5793                       | 5.1556                          | 38.7673                                  | 51.2567                              | 0.0000                                   |
| 1/28/2018            | 96.8694           | 0.0000                           | 0.0301               | 0.0301                   | 2.7991           | 199.6267                       | 4.5529                          | 38.7685                                  | 51.2190                              | 0.0000                                   |
| 1/29/2018            | 96.8392           | 0.0000                           | 0.0276               | 0.0276                   | 2.8201           | 199.6964                       | 4.9273                          | 38.7763                                  | 51.2646                              | 0.0000                                   |
| 1/30/2018            | 96.8249           | 0.0000                           | 0.0269               | 0.0269                   | 2.8337           | 199.7317                       | 4.9170                          | 38.7817                                  | 51.2676                              | 0.0000                                   |
| 1/31/2018            | 96.8197           | 0.0000                           | 0.0264               | 0.0264                   | 2.8391           | 199.7169                       | 4.6011                          | 38.7842                                  | 51.2673                              | 0.0000                                   |
| <b>Mínimo</b>        | 96.7024           | 0.0000                           | 0.0176               | 0.0176                   | 2.2171           | 198.5266                       | 4.5477                          | 38.3453                                  | 51.1862                              | 0.0000                                   |

Observaciones:

Para los días 01, 24 y 31 se presentaron suspensiones y reanudaciones en el envío con motivo de indicaciones en la nominación de envío. No se detectaron desviaciones en la calidad química, y a su vez no se presentaron paros por emergencias operativas o por mantenimiento.

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

(Valores promedio diarios)



|                           |   |
|---------------------------|---|
| <b>PERMISIONARIO:</b>     | <b>TERMINAL KMS DE GNL S. DE R.L DE C.V</b> |
| <b>PUNTO DE MEDICIÓN:</b> | <b>ESTACION DE MEDICION MANZANILLO</b>      |
| <b>ZONA DE MEDICIÓN:</b>  | <b>RESTO DEL PAÍS</b>                       |

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de Rocío<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido Sulhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------|-----------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
| 1/1/2018             | 97.2213           | 0.0000                        | 0.0198               | 0.0198                   | 2.4177           | 198.9950                    | 8.9910                          | 38.6831                                  | 51.2197                              | 0.0000                                   | 0.0000                                | 0.0000              |
| 1/2/2018             | 97.2031           | 0.0000                        | 0.0190               | 0.0190                   | 2.4351           | 199.0039                    | 8.9865                          | 38.6894                                  | 51.2229                              | 0.0000                                   |                                       |                     |
| 1/3/2018             | 97.1929           | 0.0000                        | 0.0170               | 0.0170                   | 2.4444           | 199.0986                    | 8.6153                          | 38.6945                                  | 51.2266                              | 0.0000                                   |                                       |                     |
| 1/4/2018             | 97.1903           | 0.0000                        | 0.0169               | 0.0169                   | 2.4465           | 199.1187                    | 8.7825                          | 38.6956                                  | 51.2272                              | 0.0000                                   |                                       |                     |
| 1/5/2018             | 97.1727           | 0.0000                        | 0.0157               | 0.0157                   | 2.4627           | 199.1993                    | 8.7536                          | 38.7022                                  | 51.2319                              | 0.0000                                   |                                       |                     |
| 1/6/2018             | 97.1452           | 0.0000                        | 0.0144               | 0.0144                   | 2.4889           | 199.2962                    | 8.4266                          | 38.7120                                  | 51.2379                              | 0.0000                                   |                                       |                     |
| 1/7/2018             | 97.1569           | 0.0000                        | 0.0149               | 0.0149                   | 2.4676           | 199.2134                    | 8.4844                          | 38.7044                                  | 51.2332                              | 0.0000                                   |                                       |                     |
| 1/8/2018             | 97.2896           | 0.0000                        | 0.0179               | 0.0179                   | 2.3360           | 198.9258                    | 8.7969                          | 38.6696                                  | 51.2120                              | 0.0000                                   |                                       |                     |
| 1/9/2018             | 97.3783           | 0.0000                        | 0.0146               | 0.0146                   | 2.2400           | 198.7848                    | 8.8808                          | 38.6499                                  | 51.2027                              | 0.0000                                   |                                       |                     |
| 1/10/2018            | 97.3989           | 0.0000                        | 0.0147               | 0.0147                   | 2.2221           | 198.6941                    | 8.9923                          | 38.6429                                  | 51.1991                              | 0.0000                                   |                                       |                     |
| 1/11/2018            | 97.3829           | 0.0000                        | 0.0139               | 0.0139                   | 2.2365           | 198.7647                    | 8.6772                          | 38.6489                                  | 51.2029                              | 0.0000                                   |                                       |                     |
| 1/12/2018            | 97.3685           | 0.0000                        | 0.0133               | 0.0133                   | 2.2496           | 198.8129                    | 9.0495                          | 38.6542                                  | 51.2056                              | 0.0000                                   |                                       |                     |
| 1/13/2018            | 97.3379           | 0.0000                        | 0.0119               | 0.0119                   | 2.2774           | 198.9366                    | 8.8207                          | 38.6652                                  | 51.2125                              | 0.0000                                   |                                       |                     |
| 1/14/2018            | 97.3727           | 0.0000                        | 0.0134               | 0.0134                   | 2.2457           | 198.7949                    | 8.6042                          | 38.6525                                  | 51.2047                              | 0.0000                                   |                                       |                     |
| 1/15/2018            | 97.3712           | 0.0000                        | 0.0133               | 0.0133                   | 2.2474           | 198.8067                    | 9.1641                          | 38.6532                                  | 51.2054                              | 0.0000                                   |                                       |                     |
| 1/16/2018            | 97.3030           | 0.0000                        | 0.0104               | 0.0104                   | 2.3082           | 199.0971                    | 8.7233                          | 38.6782                                  | 51.2208                              | 0.0000                                   |                                       |                     |
| 1/17/2018            | 96.9150           | 0.0000                        | 0.0303               | 0.0303                   | 2.7301           | 199.6735                    | 8.2139                          | 38.7587                                  | 51.2567                              | 0.0000                                   |                                       |                     |
| 1/18/2018            | 96.6770           | 0.0000                        | 0.0359               | 0.0359                   | 2.9965           | 200.0335                    | 8.3645                          | 38.8125                                  | 51.2843                              | 0.0000                                   |                                       |                     |
| 1/19/2018            | 96.7919           | 0.0000                        | 0.0310               | 0.0310                   | 2.8696           | 199.8578                    | 8.2331                          | 38.7879                                  | 51.2720                              | 0.0000                                   |                                       |                     |
| 1/20/2018            | 96.8014           | 0.0000                        | 0.0315               | 0.0315                   | 2.8512           | 199.7549                    | 8.4172                          | 38.7742                                  | 51.2646                              | 0.0000                                   |                                       |                     |
| 1/21/2018            | 96.8611           | 0.0000                        | 0.0325               | 0.0325                   | 2.7965           | 199.6933                    | 8.2702                          | 38.7682                                  | 51.2604                              | 0.0000                                   |                                       |                     |
| 1/22/2018            | 96.8434           | 0.0000                        | 0.0334               | 0.0334                   | 2.8144           | 199.6341                    | 8.1376                          | 38.7607                                  | 51.2568                              | 0.0000                                   |                                       |                     |
| 1/23/2018            | 96.8236           | 0.0000                        | 0.0271               | 0.0271                   | 2.8335           | 199.8658                    | 8.1766                          | 38.7846                                  | 51.2726                              | 0.0000                                   |                                       |                     |
| 1/24/2018            | 96.8444           | 0.0000                        | 0.0289               | 0.0289                   | 2.8132           | 199.7909                    | 8.2078                          | 38.7755                                  | 51.2669                              | 0.0000                                   |                                       |                     |
| 1/25/2018            | 96.8574           | 0.0000                        | 0.0287               | 0.0287                   | 2.8015           | 199.7429                    | 8.2479                          | 38.7726                                  | 51.2651                              | 0.0000                                   |                                       |                     |
| 1/26/2018            | 96.8210           | 0.0000                        | 0.0283               | 0.0283                   | 2.8374           | 199.8547                    | 7.9327                          | 38.7836                                  | 51.2715                              | 0.0000                                   |                                       |                     |
| 1/27/2018            | 96.8034           | 0.0000                        | 0.0261               | 0.0261                   | 2.8660           | 199.9301                    | 8.1960                          | 38.7929                                  | 51.2768                              | 0.0000                                   |                                       |                     |
| 1/28/2018            | 96.8385           | 0.0000                        | 0.0262               | 0.0262                   | 2.8201           | 199.8076                    | 8.2398                          | 38.7806                                  | 51.2699                              | 0.0000                                   |                                       |                     |
| 1/29/2018            | 96.8505           | 0.0000                        | 0.0263               | 0.0263                   | 2.8081           | 199.7917                    | 8.2677                          | 38.7771                                  | 51.2691                              | 0.0000                                   |                                       |                     |
| 1/30/2018            | 96.8318           | 0.0000                        | 0.0237               | 0.0237                   | 2.8278           | 199.8623                    | 7.8451                          | 38.7834                                  | 51.2744                              | 0.0000                                   |                                       |                     |
| 1/31/2018            | 96.8131           | 0.0000                        | 0.0221               | 0.0221                   | 2.8459           | 199.9307                    | 7.9302                          | 38.7919                                  | 51.2785                              | 0.0000                                   |                                       |                     |

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

|                   |            |        |            |            |            |           |           |            |            |        |  |  |
|-------------------|------------|--------|------------|------------|------------|-----------|-----------|------------|------------|--------|--|--|
| <b>Mínimo</b>     | 96.6770    | 0.0000 | 0.0104     | 0.0104     | 2.2221     | 198.6941  | 7.8451    | 38.6429    | 51.1991    | 0.0000 |  |  |
| <b>Promedio</b>   | 97.0600    | 0.0000 | 0.0217     | 0.0217     | 2.5819     | 199.3796  | 8.4977    | 38.7258    | 51.2421    | 0.0000 |  |  |
| <b>Máximo</b>     | 97.3989    | 0.0000 | 0.0359     | 0.0359     | 2.9965     | 200.0335  | 9.1641    | 38.8125    | 51.2843    | 0.0000 |  |  |
| <b>Desv. Est.</b> | 0.24324033 | 0      | 0.00764968 | 0.00764968 | 0.26135125 | 0.4539031 | 0.3632977 | 0.05679428 | 0.02872798 | 0      |  |  |

Observaciones: No se detectaron desviaciones en la calidad química, y a su vez no se presentaron paros por emergencias operativas o por mantenimiento.

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

**(Registros máximos diarios)**



**PERMISIONARIO:**

**TERMINAL KMS DE GNL S. DE R.L DE C.V**

**PUNTO DE MEDICIÓN:**

**ESTACION DE MEDICION MANZANILLO**

**ZONA DE MEDICIÓN:**

**RESTO DEL PAÍS**

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido Sulhídrico<br>(mg/m <sup>3</sup> ) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|
| 1/1/2018             | 97.1998           | 0.0000                           | 0.0218               | 0.0218                   | 2.4344           | 199.0524                       | 10.1500                         | 38.6909                                  | 51.2234                              | 0.0000                                   |
| 1/2/2018             | 97.1852           | 0.0000                           | 0.0198               | 0.0198                   | 2.4489           | 199.1180                       | 10.1072                         | 38.6962                                  | 51.2315                              | 0.0000                                   |
| 1/3/2018             | 97.1741           | 0.0000                           | 0.0173               | 0.0173                   | 2.4613           | 199.2045                       | 10.1307                         | 38.7003                                  | 51.2316                              | 0.0000                                   |
| 1/4/2018             | 97.1836           | 0.0000                           | 0.0171               | 0.0171                   | 2.4520           | 199.1699                       | 9.8994                          | 38.6973                                  | 51.2298                              | 0.0000                                   |
| 1/5/2018             | 97.1609           | 0.0000                           | 0.0179               | 0.0179                   | 2.4708           | 199.2556                       | 9.7808                          | 38.7063                                  | 51.2352                              | 0.0000                                   |
| 1/6/2018             | 97.1325           | 0.0000                           | 0.0152               | 0.0152                   | 2.4992           | 199.3604                       | 9.9148                          | 38.7161                                  | 51.2405                              | 0.0000                                   |
| 1/7/2018             | 96.8882           | 0.0000                           | 0.0153               | 0.0153                   | 2.4752           | 199.2682                       | 9.9579                          | 38.7098                                  | 51.2351                              | 0.0000                                   |
| 1/8/2018             | 97.1029           | 0.0000                           | 0.0621               | 0.0621                   | 2.4694           | 199.2448                       | 9.9586                          | 38.7079                                  | 51.2355                              | 0.0000                                   |
| 1/9/2018             | 97.3621           | 0.0000                           | 0.0153               | 0.0153                   | 2.2533           | 199.0596                       | 10.2024                         | 38.6560                                  | 51.2056                              | 0.0000                                   |
| 1/10/2018            | 97.3920           | 0.0000                           | 0.0152               | 0.0152                   | 2.2276           | 198.7348                       | 9.9529                          | 38.6451                                  | 51.2012                              | 0.0000                                   |
| 1/11/2018            | 97.3680           | 0.0000                           | 0.0143               | 0.0143                   | 2.2487           | 198.8432                       | 10.1446                         | 38.6542                                  | 51.2074                              | 0.0000                                   |
| 1/12/2018            | 97.3586           | 0.0000                           | 0.0139               | 0.0139                   | 2.2573           | 198.8823                       | 10.0065                         | 38.6576                                  | 51.2090                              | 0.0000                                   |
| 1/13/2018            | 97.3312           | 0.0000                           | 0.0126               | 0.0126                   | 2.2823           | 198.9788                       | 9.9205                          | 38.6675                                  | 51.2141                              | 0.0000                                   |
| 1/14/2018            | 97.3417           | 0.0000                           | 0.0139               | 0.0139                   | 2.2664           | 198.9087                       | 9.6090                          | 38.6615                                  | 51.2104                              | 0.0000                                   |
| 1/15/2018            | 97.3645           | 0.0000                           | 0.0137               | 0.0137                   | 2.2520           | 198.9359                       | 10.2103                         | 38.6554                                  | 51.2124                              | 0.0000                                   |
| 1/16/2018            | 97.2917           | 0.0000                           | 0.0116               | 0.0116                   | 2.3164           | 199.1472                       | 9.9314                          | 38.6822                                  | 51.2229                              | 0.0000                                   |
| 1/17/2018            | 96.5366           | 0.0000                           | 0.0594               | 0.0594                   | 3.0195           | 200.1399                       | 9.9060                          | 38.8216                                  | 51.2877                              | 0.0000                                   |
| 1/18/2018            | 96.6417           | 0.0000                           | 0.0400               | 0.0400                   | 3.0231           | 200.1086                       | 9.5085                          | 38.8204                                  | 51.2906                              | 0.0000                                   |
| 1/19/2018            | 96.6769           | 0.0000                           | 0.0352               | 0.0352                   | 2.9734           | 200.0231                       | 9.2844                          | 38.8103                                  | 51.2843                              | 0.0000                                   |
| 1/20/2018            | 96.8356           | 0.0000                           | 0.0321               | 0.0321                   | 2.8175           | 199.7855                       | 9.5064                          | 38.7789                                  | 51.2672                              | 0.0000                                   |
| 1/21/2018            | 96.8404           | 0.0000                           | 0.0357               | 0.0357                   | 2.8123           | 199.7840                       | 8.9699                          | 38.7745                                  | 51.2656                              | 0.0000                                   |
| 1/22/2018            | 95.9312           | 0.0000                           | 0.0349               | 0.0349                   | 3.7245           | 199.7841                       | 9.7973                          | 38.7740                                  | 51.2665                              | 0.0000                                   |
| 1/23/2018            | 96.8127           | 0.0000                           | 0.0295               | 0.0295                   | 2.8410           | 199.9048                       | 9.4416                          | 38.7873                                  | 51.2750                              | 0.0000                                   |
| 1/24/2018            | 96.8171           | 0.0000                           | 0.0309               | 0.0309                   | 2.8361           | 199.8483                       | 9.3896                          | 38.7814                                  | 51.2709                              | 0.0000                                   |
| 1/25/2018            | 96.8423           | 0.0000                           | 0.0315               | 0.0315                   | 2.8121           | 199.8134                       | 9.1938                          | 38.7769                                  | 51.2713                              | 0.0000                                   |
| 1/26/2018            | 96.7905           | 0.0000                           | 0.0298               | 0.0298                   | 2.8652           | 199.9724                       | 9.1947                          | 38.7932                                  | 51.2789                              | 0.0000                                   |
| 1/27/2018            | 96.7800           | 0.0000                           | 0.0284               | 0.0284                   | 2.8760           | 200.0322                       | 9.5864                          | 38.7971                                  | 51.2830                              | 0.0000                                   |
| 1/28/2018            | 96.7953           | 0.0000                           | 0.0284               | 0.0284                   | 2.8590           | 199.8968                       | 9.5814                          | 38.7940                                  | 51.2749                              | 0.0000                                   |
| 1/29/2018            | 96.8223           | 0.0000                           | 0.0275               | 0.0275                   | 2.8322           | 199.8844                       | 9.2355                          | 38.7871                                  | 51.2761                              | 0.0000                                   |
| 1/30/2018            | 96.8242           | 0.0000                           | 0.0251               | 0.0251                   | 2.8330           | 199.9812                       | 8.7793                          | 38.7872                                  | 51.2822                              | 0.0000                                   |
| 1/31/2018            | 96.8050           | 0.0000                           | 0.0238               | 0.0238                   | 2.8508           | 199.9811                       | 8.9742                          | 38.7941                                  | 51.2810                              | 0.0000                                   |
| <b>Máximo</b>        | 97.3920           | 0.0000                           | 0.0621               | 0.0621                   | 3.7245           | 200.1399                       | 10.2103                         | 38.8216                                  | 51.2906                              | 0.0000                                   |

Observaciones:

No se detectaron desviaciones en la calidad química, y a su vez no se presentaron paros por emergencias operativas o por mantenimiento.

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

**(Registros mínimos diarios)**



**PERMISIONARIO:** TERMINAL KMS DE GNL S. DE R.L DE C.V  
**PUNTO DE MEDICIÓN:** ESTACION DE MEDICION MANZANILLO  
**ZONA DE MEDICIÓN:** RESTO DEL PAÍS

| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido Sulhídrico<br>(mg/m <sup>3</sup> ) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|
| 1/1/2018             | 97.2629           | 0.0000                           | 0.0176               | 0.0176                   | 2.3815           | 198.9470                       | 7.5211                          | 38.6692                                  | 51.2178                              | 0.0000                                   |
| 1/2/2018             | 97.2151           | 0.0000                           | 0.0167               | 0.0167                   | 2.4269           | 198.2009                       | 7.5297                          | 38.6856                                  | 51.2192                              | 0.0000                                   |
| 1/3/2018             | 97.2006           | 0.0000                           | 0.0166               | 0.0166                   | 2.4383           | 199.0637                       | 7.5200                          | 38.6921                                  | 51.2253                              | 0.0000                                   |
| 1/4/2018             | 97.1946           | 0.0000                           | 0.0166               | 0.0166                   | 2.4434           | 199.0839                       | 7.5258                          | 38.6940                                  | 51.2249                              | 0.0000                                   |
| 1/5/2018             | 97.2078           | 0.0000                           | 0.0150               | 0.0150                   | 2.4330           | 199.0382                       | 7.4358                          | 38.6895                                  | 51.2237                              | 0.0000                                   |
| 1/6/2018             | 97.1638           | 0.0000                           | 0.0140               | 0.0140                   | 2.4723           | 199.2112                       | 7.4278                          | 38.7057                                  | 51.2337                              | 0.0000                                   |
| 1/7/2018             | 97.1791           | 0.0000                           | 0.0144               | 0.0144                   | 2.4588           | 199.1505                       | 7.4865                          | 38.7005                                  | 51.2308                              | 0.0000                                   |
| 1/8/2018             | 97.4137           | 0.0000                           | 0.0142               | 0.0142                   | 2.2235           | 198.6753                       | 7.4875                          | 38.6260                                  | 51.1903                              | 0.0000                                   |
| 1/9/2018             | 97.3930           | 0.0000                           | 0.0116               | 0.0116                   | 2.2302           | 198.6924                       | 7.6235                          | 38.6458                                  | 51.1986                              | 0.0000                                   |
| 1/10/2018            | 97.4049           | 0.0000                           | 0.0141               | 0.0141                   | 2.2180           | 198.6511                       | 7.4661                          | 38.6413                                  | 51.1975                              | 0.0000                                   |
| 1/11/2018            | 97.3988           | 0.0000                           | 0.0134               | 0.0134                   | 2.2235           | 198.6790                       | 7.5793                          | 38.6434                                  | 51.1988                              | 0.0000                                   |
| 1/12/2018            | 97.3851           | 0.0000                           | 0.0129               | 0.0129                   | 2.2358           | 198.7332                       | 7.6195                          | 38.6483                                  | 51.2017                              | 0.0000                                   |
| 1/13/2018            | 97.3532           | 0.0000                           | 0.0116               | 0.0116                   | 2.2647           | 198.8839                       | 7.9245                          | 38.6597                                  | 51.2101                              | 0.0000                                   |
| 1/14/2018            | 97.3869           | 0.0000                           | 0.0122               | 0.0122                   | 2.2351           | 198.7042                       | 7.3676                          | 38.6477                                  | 51.1997                              | 0.0000                                   |
| 1/15/2018            | 97.3804           | 0.0000                           | 0.0130               | 0.0130                   | 2.2399           | 198.7247                       | 7.8525                          | 38.6506                                  | 51.2016                              | 0.0000                                   |
| 1/16/2018            | 97.3322           | 0.0000                           | 0.0097               | 0.0097                   | 2.2839           | 199.0506                       | 7.4975                          | 38.6677                                  | 51.2183                              | 0.0000                                   |
| 1/17/2018            | 97.3713           | 0.0000                           | 0.0100               | 0.0100                   | 2.3318           | 199.1149                       | 6.8509                          | 38.6680                                  | 51.2134                              | 0.0000                                   |
| 1/18/2018            | 96.7068           | 0.0000                           | 0.0336               | 0.0336                   | 2.9728           | 199.9405                       | 6.9184                          | 38.8039                                  | 51.2770                              | 0.0000                                   |
| 1/19/2018            | 96.8610           | 0.0000                           | 0.0286               | 0.0286                   | 2.8168           | 199.7512                       | 6.9399                          | 38.7756                                  | 51.2655                              | 0.0000                                   |
| 1/20/2018            | 95.3072           | 0.0000                           | 0.0433               | 0.0433                   | 4.1865           | 199.7213                       | 7.3670                          | 38.7723                                  | 51.2623                              | 0.0000                                   |
| 1/21/2018            | 96.8904           | 0.0000                           | 0.0308               | 0.0308                   | 2.7721           | 199.5921                       | 6.8264                          | 38.7578                                  | 51.2523                              | 0.0000                                   |
| 1/22/2018            | 96.9007           | 0.0000                           | 0.0299               | 0.0299                   | 2.7624           | 199.5243                       | 6.9060                          | 38.7559                                  | 51.2491                              | 0.0000                                   |
| 1/23/2018            | 96.8513           | 0.0000                           | 0.0264               | 0.0264                   | 2.8094           | 199.7886                       | 6.8798                          | 38.7745                                  | 51.2667                              | 0.0000                                   |
| 1/24/2018            | 96.8715           | 0.0000                           | 0.0270               | 0.0270                   | 2.7901           | 199.6541                       | 6.9259                          | 38.7594                                  | 51.2586                              | 0.0000                                   |
| 1/25/2018            | 96.8791           | 0.0000                           | 0.0276               | 0.0276                   | 2.7842           | 199.6205                       | 7.0064                          | 38.7649                                  | 51.2576                              | 0.0000                                   |
| 1/26/2018            | 96.8526           | 0.0000                           | 0.0271               | 0.0271                   | 2.8091           | 199.7413                       | 6.8358                          | 38.7749                                  | 51.2653                              | 0.0000                                   |
| 1/27/2018            | 97.0606           | 0.0000                           | 0.0027               | 0.0027                   | 2.8600           | 199.7967                       | 6.6612                          | 38.7875                                  | 51.2684                              | 0.0000                                   |
| 1/28/2018            | 96.8637           | 0.0000                           | 0.0245               | 0.0245                   | 2.7996           | 199.6667                       | 7.1632                          | 38.7715                                  | 51.2617                              | 0.0000                                   |
| 1/29/2018            | 96.8654           | 0.0000                           | 0.0234               | 0.0234                   | 2.7978           | 199.7227                       | 6.7980                          | 38.7727                                  | 51.2651                              | 0.0000                                   |
| 1/30/2018            | 96.8450           | 0.0000                           | 0.0227               | 0.0227                   | 2.8176           | 199.7756                       | 6.7529                          | 38.7554                                  | 51.2695                              | 0.0000                                   |
| 1/31/2018            | 96.8284           | 0.0000                           | 0.0210               | 0.0210                   | 2.8339           | 199.8746                       | 6.6327                          | 38.7866                                  | 51.2748                              | 0.0000                                   |
| <b>Mínimo</b>        | 95.3072           | 0.0000                           | 0.0027               | 0.0027                   | 2.2180           | 198.2009                       | 6.6327                          | 38.6260                                  | 51.1903                              | 0.0000                                   |

Observaciones:

No se detectaron desviaciones en la calidad química, y a su vez no se presentaron paros por emergencias operativas o por mantenimiento.