**Calidad de Gas Diciembre 2021**

TGT

# TRANSPORTADORA DE GAS DE TRANCOSO S.A. de C.V.

**Origen**

Punto de Interconexión con Gas Natural del Noroeste S.A. de C.V.

**Destino**

Trancoso, Zacatecas

**Nota: La calidad del gas es proporcionada por el Proveedor quincenalmente posterior al periodo de consumo, por lo que la información se actualiza con la misma periodicidad**

| | | Miercoles | Jueves | Viernes | SABADO | DOMINGO | Lunes | Martes | Miercoles | Jueves | Viernes | SABADO | DOMINGO | Lunes | Martes | Miercoles | Jueves | Viernes | SABADO | DOMINGO | Lunes | Martes | Miercoles | Jueves | Viernes | SABADO | DOMINGO | Lunes | Martes | Miercoles | Jueves | Viernes | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Fecha** | | **01-dic-21** | **02-dic-21** | **03-dic-21** | **04-dic-21** | **05-dic-21** | **06-dic-21** | **07-dic-21** | **08-dic-21** | **09-dic-21** | **10-dic-21** | **11-dic-21** | **12-dic-21** | **13-dic-21** | **14-dic-21** | **15-dic-21** | **16-dic-21** | **17-dic-21** | **18-dic-21** | **19-dic-21** | **20-dic-21** | **21-dic-21** | **22-dic-21** | **23-dic-21** | **24-dic-21** | **25-dic-21** | **26-dic-21** | **27-dic-21** | **28-dic-21** | **29-dic-21** | **30-dic-21** | **31-dic-21** | **Prom. Mensual** |
| **Componente** | | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** | **%** |
| Metano | Min. 83 % | 96.8511% | 96.8491% | 96.7456% | 96.8059% | 97.1053% | 97.0567% | 97.0577% | 96.9250% | 96.7957% | 96.8630% | 96.5201% | 96.5997% | 96.5190% | 96.0720% | 96.0668% | 96.1435% | 96.1345% | 95.9340% | 95.9464% | 96.0492% | 96.2987% | 96.6020% | 96.3397% | 95.9040% | 95.4435% | 95.6167% | 95.6140% | 95.7451% | 95.6893% | 95.3559% | 95.5507% | 96.2968% |
| Nitrogeno | Max. 6.0% | 1.3078% | 1.3063% | 1.2488% | 1.2315% | 1.2549% | 1.2700% | 1.2839% | 1.2922% | 1.2750% | 1.3528% | 1.3526% | 1.3512% | 1.3700% | 1.3768% | 1.4088% | 1.3873% | 1.4000% | 1.4239% | 1.3380% | 1.3558% | 1.3619% | 1.2879% | 1.2920% | 1.3240% | 1.4682% | 1.4159% | 1.3595% | 1.3237% | 1.2651% | 1.3438% | 1.3424% | 1.3346% |
| Dioxido de carbono | Max. 3% | 0.0949% | 0.0901% | 0.1101% | 0.1159% | 0.1223% | 0.1198% | 0.1056% | 0.1163% | 0.0884% | 0.1044% | 0.1024% | 0.0935% | 0.0752% | 0.0824% | 0.0758% | 0.0723% | 0.0755% | 0.0781% | 0.1031% | 0.0989% | 0.0850% | 0.0880% | 0.0999% | 0.1028% | 0.1699% | 0.1780% | 0.1312% | 0.0934% | 0.1058% | 0.1070% | 0.1150% | 0.1042% |
| Etano | Max. 11 % | 1.7160% | 1.7236% | 1.8610% | 1.8130% | 1.4837% | 1.5213% | 1.5211% | 1.6311% | 1.7872% | 1.6410% | 1.9700% | 1.9063% | 1.9907% | 2.4123% | 2.3951% | 2.3519% | 2.3367% | 2.5004% | 2.5573% | 2.4394% | 2.2063% | 1.9715% | 2.1925% | 2.5909% | 2.8443% | 2.7208% | 2.8370% | 2.7585% | 2.8762% | 3.1221% | 2.9282% | 2.2131% |
| Propano | | 0.0278% | 0.0284% | 0.0319% | 0.0309% | 0.0299% | 0.0291% | 0.0285% | 0.0313% | 0.0389% | 0.0347% | 0.0496% | 0.0430% | 0.0405% | 0.0421% | 0.0482% | 0.0413% | 0.0482% | 0.0561% | 0.0498% | 0.0501% | 0.0430% | 0.0370% | 0.0626% | 0.0636% | 0.0649% | 0.0586% | 0.0526% | 0.0707% | 0.0567% | 0.0642% | 0.0597% | 0.0456% |
| I-Butano | | 0.0008% | 0.0008% | 0.0008% | 0.0008% | 0.0011% | 0.0009% | 0.0009% | 0.0013% | 0.0014% | 0.0012% | 0.0015% | 0.0017% | 0.0013% | 0.0012% | 0.0015% | 0.0011% | 0.0015% | 0.0021% | 0.0016% | 0.0018% | 0.0014% | 0.0011% | 0.0036% | 0.0036% | 0.0031% | 0.0033% | 0.0018% | 0.0027% | 0.0020% | 0.0020% | 0.0013% | 0.0017% |
| n-Butano | | 0.0014% | 0.0015% | 0.0015% | 0.0016% | 0.0023% | 0.0018% | 0.0018% | 0.0021% | 0.0028% | 0.0023% | 0.0029% | 0.0035% | 0.0026% | 0.0024% | 0.0028% | 0.0020% | 0.0028% | 0.0042% | 0.0029% | 0.0037% | 0.0029% | 0.0021% | 0.0065% | 0.0070% | 0.0038% | 0.0041% | 0.0028% | 0.0049% | 0.0037% | 0.0037% | 0.0023% | 0.0030% |
| I-Pentano | | 0.0001% | 0.0001% | 0.0001% | 0.0002% | 0.0003% | 0.0002% | 0.0003% | 0.0004% | 0.0004% | 0.0003% | 0.0004% | 0.0006% | 0.0004% | 0.0004% | 0.0006% | 0.0003% | 0.0004% | 0.0007% | 0.0005% | 0.0006% | 0.0004% | 0.0002% | 0.0013% | 0.0016% | 0.0009% | 0.0010% | 0.0005% | 0.0005% | 0.0006% | 0.0006% | 0.0002% | 0.0005% |
| n-Pentano | | 0.0001% | 0.0001% | 0.0001% | 0.0001% | 0.0003% | 0.0002% | 0.0002% | 0.0003% | 0.0003% | 0.0003% | 0.0003% | 0.0006% | 0.0003% | 0.0004% | 0.0005% | 0.0003% | 0.0003% | 0.0005% | 0.0004% | 0.0005% | 0.0003% | 0.0002% | 0.0014% | 0.0017% | 0.0007% | 0.0008% | 0.0003% | 0.0004% | 0.0006% | 0.0006% | 0.0002% | 0.0004% |
| Hexano | | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0001% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0004% | 0.0007% | 0.0002% | 0.0002% | 0.0001% | 0.0000% | 0.0001% | 0.0001% | 0.0000% | 0.0001% |
| Heptano | | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0001% | 0.0001% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| Octano | | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0002% | 0.0002% | 0.0001% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| C9+ | | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0001% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0001% | 0.0002% | 0.0001% | 0.0000% | 0.0000% | 0.0000% | 0.0000% | 0.0000% |
| **Suma** | | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 99.9999% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% | 100.0000% |
| **Poder calorifico base seco MJ/m3.** | PC Condiciones PGPB | **35.911** | **35.914** | **35.970** | **35.963** | **35.858** | **35.864** | **35.864** | **35.895** | **35.945** | **35.875** | **35.975** | **35.962** | **35.978** | **36.079** | **36.084** | **36.074** | **36.063** | **36.108** | **36.135** | **36.103** | **36.036** | **35.993** | **36.062** | **36.168** | **36.150** | **36.137** | **36.205** | **36.226** | **36.243** | **36.293** | **36.241** | **36.04** |
| **Gravedad Especifica** | | **0.569827** | **0.569676** | **0.570468** | **0.570060** | **0.568725** | **0.568912** | **0.568830** | **0.569605** | **0.570123** | **0.569829** | **0.571501** | **0.571082** | **0.571726** | **0.573693** | **0.573427** | **0.573246** | **0.573182** | **0.574265** | **0.574299** | **0.573815** | **0.572345** | **0.571145** | **0.572602** | **0.574814** | **0.577296** | **0.576250** | **0.576034** | **0.575428** | **0.575579** | **0.577456** | **0.576256** | **0.5726** |
| Punto de Rocio °C | -2.00 | -17.78 | -17.78 | -17.78 | -17.78 | -17.78 | -17.78 | -17.78 | -25.38 | -17.78 | -17.78 | -17.78 | -22.35 | -17.78 | -17.78 | -18.40 | -17.78 | -18.18 | -17.98 | -17.78 | -17.78 | -17.78 | -17.78 | -45.46 | -59.93 | -33.09 | -28.28 | -20.80 | -23.58 | -29.17 | -51.34 | -21.36 | **-23.15** |
| H2O (mg/m3) | 110.00 | 3.0772 | 3.0774 | 3.0773 | 3.0773 | 3.0774 | 3.0774 | 3.0774 | 3.0773 | 3.0773 | 3.0772 | 3.0773 | 3.0773 | 3.0773 | 3.0755 | 3.0771 | 3.0774 | 3.0774 | 3.0773 | 3.0773 | 3.0772 | 3.0771 | 3.0773 | 3.0773 | 3.0774 | 3.0773 | 3.0773 | 3.0773 | 3.0774 | 3.0772 | 3.0773 | 3.0772 | **3.0772** |
| Wobbe MJ / m3 | 48.20 - 53.20 Min. - Max. | 50.04 | 50.04 | 50.09 | 50.09 | 50.01 | 50.01 | 50.01 | 50.02 | 50.07 | 49.99 | 50.05 | 50.05 | 50.06 | 50.11 | 50.11 | 50.11 | 50.10 | 50.11 | 50.16 | 50.13 | 50.10 | 50.09 | 50.14 | 50.18 | 50.06 | 50.07 | 50.16 | 50.22 | 50.26 | 50.25 | 50.21 | **50.0994** |
| O2 % | 0.20% | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/D |
| H2S (mg/m3) | 6.00 | 0.0424 | 0.0429 | 0.0481 | 0.0475 | 0.0406 | 0.0398 | 0.0393 | 0.0733 | 0.0441 | 0.0411 | 0.0285 | 0.0265 | 0.0270 | 0.0215 | 0.0286 | 0.0310 | 0.0275 | 0.0231 | 0.0184 | 0.0232 | 0.0294 | 0.0327 | 0.0732 | 0.0513 | 0.1952 | 0.1668 | 0.0534 | 0.0377 | 0.0370 | 0.0369 | 0.0380 | 0.0473 |
| Total de inertes | Max. 6.0% | 1.40% | 1.40% | 1.36% | 1.35% | 1.38% | 1.39% | 1.39% | 1.41% | 1.37% | 1.46% | 1.46% | 1.44% | 1.45% | 1.47% | 1.48% | 1.46% | 1.48% | 1.50% | 1.44% | 1.45% | 1.45% | 1.39% | 1.39% | 1.43% | 1.64% | 1.59% | 1.49% | 1.42% | 1.37% | 1.45% | 1.46% | 1.44 |
| Azufre Total (mg/m3) | 150 | 0.0312 | 0.0421 | 0.0459 | 0.0457 | 0.0341 | 0.0308 | 0.0329 | 0.0563 | 0.0314 | 0.0448 | 0.0352 | 0.0236 | 0.0268 | 0.0215 | 0.0358 | 0.0386 | 0.0300 | 0.0194 | 0.0295 | 0.0338 | 0.0368 | 0.0374 | 0.1017 | 0.0462 | 0.1490 | 0.1376 | 0.0502 | 0.0300 | 0.0308 | 0.0349 | 0.0313 | 0.0444 |