ITAIPU BINACIONAL	Sistema de Supervisão e Diagnóstico	Data : 03/08/2021
	Superintendência de Manutenção	Hora: 09:37

Histórico dos Resultados dos Ensaios

Filtros selecionados:

Estado do ensaio : Concluido
Tipo do ensaio : Cromatografía
Período da coleta : De : 03/08/1980 Até : 02/08/2021
Equipamento : TRANSFORMADOR PRINCIPAL TU-01 FASE R (Código: 1230018 - Localização: A01J19 - Num.série: 500820 - Dt.ini.oper: 31/05/1984)

Dt.ensaio	C2H2 (ppm)	C2H4 (ppm)	C2H6 (ppm)	CH4 (ppm)	CO (ppm)	H2 (ppm)	CO2 (ppm)	N2 (ppm)	O2 (ppm)
09/11/1983	0,0	1,0	3,0	3,0	18,0	7,0	110,0	8250,0	1040,0
07/03/1984	0,0	1,0	3,0	3,0	5,0	18,0	160,0	15660,0	2300,0
19/03/1984	0,0	1,0	2,0	2,0	5,0	3,0	190,0	20630,0	2790,0
22/03/1984	0,0	1,0	3,0	3,0	5,0	11,0	160,0	11410,0	1450,0
19/04/1984	0,0	1,0	3,0	3,0	5,0	11,0	160,0	16000,0	2300,0
19/04/1984	0,0	1,0	3,0	3,0	5,0	10,0	190,0	13000,0	3200,0
19/04/1984	0,0	1,0	3,0	3,0	5,0	17,0	160,0	14900,0	2300,0
19/04/1984	0,0	1,0	3,0	3,0	10,0	10,0	240,0	33300,0	2800,0
24/05/1984	0,0	1,0	3,0	3,0	40,0	15,0	150,0	11700,0	1300,0
11/06/1984	0,0	0,5	3,0	3,0	40,0	10,0	160,0	11800,0	1600,0
29/09/1989	2,0	1,0	0,0	1,0	5,0	3,0	40,0	13000,0	3100,0
27/10/1989	0,0	0,7	0,0	0,7	5,0	3,0	80,0	22100,0	4150,0
20/11/1989	0,7	0,0	0,0	0,7	0,0	4,0	0,0	0,0	0,0
19/01/1990	0,0	1,0	0,5	1,0	5,0	21,0	140,0	21500,0	3800,0
02/03/1990	0,0	1,0	2,0	2,0	5,0	24,0	210,0	29250,0	5000,0
07/05/1990	0,0	1,0	1,0	2,0	5,0	9,0	190,0	31900,0	6350,0
13/08/1990	0,0	1,0	1,0	4,0	5,0	15,0	240,0	27400,0	4550,0
04/02/1991	0,0	1,0	2,0	5,0	0,0	21,0	0,0	0,0	0,0
08/05/1991	0,0	1,0	2,0	6,0	50,0	21,0	440,0	29250,0	4550,0
06/08/1991	0,0	1,0	2,0	6,0	5,0	9,0	350,0	24100,0	4000,0
04/11/1991	0,0	1,0	3,0	7,0	75,0	9,0	500,0	25400,0	4700,0
18/02/1992	0,0	1,0	3,0	7,0	50,0	9,0	570,0	29300,0	6700,0
24/03/1992	0,0	1,0	3,0	6,0	5,0	9,0	460,0	25550,0	4200,0
24/03/1992	0,0	3,0	2,0	4,0	5,0	3,0	420,0	32450,0	7900,0
24/03/1992	0,0	2,0	4,0	8,0	150,0	12,0	1120,0	33350,0	8000,0
14/09/1992	0,0	1,0	3,0	7,0	75,0	12,0	510,0	18700,0	2200,0
27/10/1992	0,0	1,0	5,0	9,0	5,0	12,0	620,0	25150,0	3300,0
10/02/1993	0,0	2,0	5,0	6,0	55,0	30,0	770,0	28500,0	4350,0
14/04/1993	0,0	1,0	5,0	9,0	0,0	0,0	0,0	0,0	0,0
10/05/1993	0,0	1,0	7,0	11,0	100,0	9,0	940,0	44300,0	8200,0
11/08/1993	0,0	1,0	5,0	9,0	5,0	12,0	680,0	31550,0	4700,0
08/11/1993	0,0	1,0	4,0	6,0	50,0	6,0	500,0	28850,0	5300,0
26/01/1994	0,0	1,0	3,0	5,0	50,0	3,0	650,0	32750,0	6000,0
09/05/1994	0,0	2,0	8,0	13,0	75,0	15,0	950,0	28720,0	4050,0
09/08/1994	0,0	1,0	8,0	12,0	75,0	27,0	840,0	33900,0	5550,0
03/11/1994	0,0	1,0	8,0	14,0	5,0	15,0	1200,0	86350,0	28850,0
19/12/1994	0,0	1,0	9,0	14,0	0,0	0,0	0,0	0,0	0,0
09/01/1995	0,0	1,0	7,0	11,0	50,0	15,0	1100,0	27400,0	4400,0
12/04/1995	0,0	2,0	10,0	15,0	100,0	15,0	1270,0	30700,0	4150,0
23/05/1995	0,0	2,0	10,0	16,0	105,0	15,0	1120,0	33450,0	5000,0
11/07/1995	0,0	1,0	8,0	13,0	50,0	9,0	920,0	29550,0	4700,0
09/10/1995	0,0	1,0	9,0	15,0	75,0	12,0	950,0	34250,0	5550,0
08/01/1996	0,0	4,0	12,0	19,0	100,0	27,0	1550,0	34050,0	4450,0
09/04/1996	0,0	1,0	12,0	18,0	200,0	12,0	1450,0	35300,0	5700,0
08/07/1996	0,0	1,0	11,0	18,0	100,0	6,0	1700,0	33050,0	4850,0
07/10/1996	0,0	1,0	9,0	15,0	65,0	9,0	1000,0	31600,0	4950,0
15/12/1996	0,0	2,0	14,0	20,0	95,0	24,0	1510,0	29700,0	4900,0
15/12/1996	0,0	2,0	34,0	44,0	110,0	36,0	1330,0	36500,0	6450,0
31/01/1997	0,0	2,0	13,0	19,0	85,0	15,0	1430,0	36500,0	5600,0
15/04/1997	0,0	2,0	11,0	17,0	110,0	12,0	1480,0	29150,0	4500,0
08/07/1997	0,0	2,0	13,0	20,0	150,0	6,0	1210,0	31900,0	4900,0
29/09/1997	0,0	2,0	13,0	20,0	95,0	30,0	1440,0	36200,0	6000,0
16/12/1997	0,7	0,7	3,0	3,0	5,0	3,0	280,0	22650,0	5300,0
29/12/1997	0,0	1,0	3,0	4,0	5,0	3,0	710,0	22800,0	5000,0
31/03/1998	0,0	1,0	4,0	5,0	5,0	3,0	790,0	14550,0	3350,0
02/07/1998	0,0	2,0	6,0	7,0	5,0	14,0	750,0	11400,0	2400,0
09/09/1998	0,0	1,0	4,0	6,0	5,0	3,0	620,0	11350,0	2850,0

ITAIPU BINACIONAL	Sistema de Supervisão e Diagnóstico	Data : 03/08/2021
	Superintendência de Manutenção	Hora: 09:37

Histórico dos Resultados dos Ensaios

Filtros selecionados:

Estado do ensaio : Concluido
Tipo do ensaio : Cromatografía
Período da coleta : De : 03/08/1980 Até : 02/08/2021
Equipamento : TRANSFORMADOR PRINCIPAL TU-01 FASE R (Código: 1230018 - Localização: A01J19 - Num.série: 500820 - Dt.ini.oper: 31/05/1984)

Dt.ensaio	C2H2 (ppm)	C2H4 (ppm)	C2H6 (ppm)	CH4 (ppm)	CO (ppm)	H2 (ppm)	CO2 (ppm)	N2 (ppm)	O2 (ppm)
02/02/1999	0,0	1,0	4,0	5,0	5,0	3,0	1050,0	31350,0	7100,0
28/04/1999	0,0	9,0	11,0	11,0	30,0	189,0	1505,0	24950,0	6830,0
28/07/1999	0,0	0,7	6,0	7,0	30,0	22,0	1185,0	13290,0	3360,0
28/10/1999	0,0	1,0	8,0	9,0	30,0	20,0	1200,0	16850,0	3160,0
26/01/2000	0,0	1,0	10,0	12,0	40,0	14,0	1285,0	27840,0	2510,0
27/04/2000	0,0	1,0	9,0	11,0	0,0	0,0	1040,0	14700,0	3040,0
31/07/2000	0,0	1,0	10,0	13,0	0,0	6,0	970,0	14040,0	2400,0
25/10/2000	0,0	1,0	10,0	13,0	40,0	8,0	1255,0	14920,0	3310,0
29/08/2000	0,0	0,0	0,0	0,0	100,0	5,0	200,0	10200,0	5200,0
22/01/2001	0,0	2,0	14,0	18,0	0,0	24,0	1105,0	19170,0	4210,0
26/04/2001	0,0	3,0	17,0	17,0	30,0	21,0	1505,0	21460,0	4810,0
02/08/2001	0,0	1,0	13,0	15,0	27,0	15,0	1700,0	8474,0	1315,0
23/10/2001	0,0	1,0	13,0	17,0	48,0	24,0	1275,0	22069,0	4618,0
22/01/2002	0,0	1,0	16,0	18,0	53,0	63,0	1371,0	26095,0	5192,0
25/04/2002	0,0	1,0	14,0	57,0	60,0	133,0	1200,0	19005,0	3116,0
31/07/2002	0,0	1,0	18,0	24,0	302,0	12,0	1401,0	19601,0	3848,0
05/09/2002	0,0	1,0	13,0	17,0	47,0	80,0	1561,0	27139,0	6933,0
05/09/2002	0,0	1,0	16,0	9,0	43,0	8,0	1474,0	16197,0	1697,0
02/10/2002	0,0	1,0	13,0	15,0	41,0	8,0	1033,0	15881,0	2740,0
10/11/2002	25,0	161,0	35,0	126,0	260,0	102,0	1140,0	13150,0	1220,0
11/11/2002	88,0	185,0	32,0	139,0	296,0	129,0	1153,0	15417,0	2136,0
12/05/2004	0,0	0,0	0,0	1,0	39,0	2,0	58,0	9661,0	2565,0
12/05/2004	0,0	0,0	0,0	1,0	7,0	0,0	54,0	42349,0	15725,0
01/07/2004	0,0	0,0	0,0	0,7	34,0	6,0	68,0	10280,0	2876,0
05/08/2004	0,0	0,0	0,0	0,0	0,0	7,0	84,0	83352,0	27653,0
05/08/2004	0,0	0,0	0,0	0,0	0,0	0,0	23,0	9140,0	3252,0
09/08/2004	0,0	0,0	0,0	0,0	1,0	2,0	38,0	7338,0	1651,0
30/08/2004	0,0	0,0	1,0	0,7	8,0	1,0	68,0	9183,0	2775,0
31/08/2004	0,0	0,0	0,0	0,0	8,0	0,0	63,0	10873,0	2787,0
31/08/2004	0,0	0,0	0,0	0,0	8,0	0,0	50,0	7125,0	1981,0
31/08/2004	0,0	0,0	0,0	0,0	7,0	0,0	51,0	6823,0	2193,0
01/09/2004	0,0	0,0	0,0	0,0	8,0	3,0	36,0	10829,0	3069,0
02/09/2004	0,0	0,0	0,0	0,5	9,0	0,0	41,0	7398,0	2430,0
14/09/2004	0,0	0,0	0,0	20,0	0,0	1,0	59,0	7345,0	2338,0
28/09/2004	0,0	0,0	0,0	1,0	19,0	3,0	254,0	7404,0	2804,0
02/12/2004	2,0	1,0	0,0	1,0	76,0	4,0	293,0	19419,0	6220,0
08/12/2004	1,0	0,0	0,0	1,0	67,0	11,0	95,0	21584,0	5603,0
09/12/2004	1,0	0,0	0,0	0,5	71,0	10,0	190,0	20762,0	6453,0
09/12/2004	1,0	1,0	0,0	0,0	71,0	8,0	186,0	19586,0	4379,0
10/12/2004	1,0	0,7	0,0	0,0	61,0	9,0	162,0	7066,0	2776,0
13/12/2004	2,0	1,0	0,0	2,0	159,0	12,0	499,0	31351,0	9133,0
14/12/2004	1,0	1,0	0,0	2,0	111,0	8,0	288,0	22432,0	6170,0
15/12/2004	1,0	1,0	0,0	1,0	76,0	6,0	199,0	7276,0	2618,0
16/12/2004	1,0	0,0	0,0	1,0	42,0	3,0	149,0	7919,0	3124,0
17/12/2004	1,0	1,0	0,7	1,0	58,0	9,0	195,0	28470,0	8727,0
20/12/2004	1,0	1,0	0,0	3,0	130,0	2,0	464,0	32576,0	9739,0
21/12/2004	1,0	0,7	0,5	2,0	93,0	1,0	295,0	24198,0	6712,0
22/12/2004	1,0	1,0	0,5	1,0	86,0	3,0	278,0	15924,0	4712,0
23/12/2004	1,0	1,0	0,5	2,0	94,0	3,0	512,0	32457,0	9077,0
27/12/2004	1,0	1,0	1,0	2,0	98,0	12,0	279,0	22314,0	6180,0
28/12/2004	1,0	1,0	0,5	2,0	101,0	11,0	332,0	23636,0	6258,0
29/12/2004	1,0	1,0	0,5	2,0	103,0	10,0	302,0	20107,0	6147,0
30/12/2004	1,0	1,0	0,5	1,0	92,0	9,0	329,0	31019,0	8735,0
03/01/2005	1,0	1,0	0,7	1,0	104,0	10,0	299,0	17980,0	5725,0
04/01/2005	1,0	1,0	0,5	2,0	113,0	10,0	326,0	19711,0	5688,0
05/01/2005	1,0	1,0	0,7	2,0	143,0	15,0	449,0	25476,0	7560,0
06/01/2005	1,0	1,0	0,5	1,0	105,0	9,0	305,0	20195,0	6193,0

ITAIPU BINACIONAL	Sistema de Supervisão e Diagnóstico	Data : 03/08/2021
	Superintendência de Manutenção	Hora: 09:37

Histórico dos Resultados dos Ensaios

Filtros selecionados:

Estado do ensaio : Concluido
Tipo do ensaio : Cromatografía
Período da coleta : De : 03/08/1980 Até : 02/08/2021
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Dt.ensaio	C2H2 (ppm)	C2H4 (ppm)	C2H6 (ppm)	CH4 (ppm)	CO (ppm)	H2 (ppm)	CO2 (ppm)	N2 (ppm)	O2 (ppm)
07/01/2005	1,0	1,0	0,7	1,0	150,0	18,0	450,0	26746,0	7495,0
10/01/2005	1,0	1,0	0,5	1,0	92,0	10,0	276,0	17852,0	5298,0
13/01/2005	1,0	1,0	1,0	3,0	145,0	17,0	476,0	28660,0	8223,0
17/01/2005	1,0	1,0	0,7	2,0	136,0	15,0	524,0	30851,0	8476,0
20/01/2005	1,0	1,0	0,5	2,0	100,0	10,0	360,0	16438,0	5119,0
24/01/2005	1,0	1,0	0,7	1,0	155,0	16,0	462,0	31569,0	9086,0
27/01/2005	1,0	1,0	0,7	2,0	102,0	3,0	344,0	20036,0	5350,0
31/01/2005	1,0	1,0	0,7	2,0	129,0	1,0	401,0	17072,0	5234,0
01/02/2005	1,0	2,0	1,0	3,0	163,0	3,0	566,0	27534,0	8648,0
03/02/2005	1,0	1,0	0,7	2,0	134,0	2,0	414,0	19243,0	5547,0
10/02/2005	1,0	1,0	1,0	3,0	134,0	11,0	422,0	30475,0	8157,0
14/02/2005	1,0	2,0	1,0	3,0	180,0	18,0	610,0	31564,0	8298,0
17/02/2005	1,0	2,0	1,0	4,0	157,0	10,0	494,0	32068,0	9021,0
21/02/2005	1,0	2,0	1,0	4,0	136,0	15,0	436,0	31824,0	8432,0
28/02/2005	1,0	3,0	1,0	6,0	263,0	13,0	837,0	27630,0	7096,0
03/03/2005	1,0	2,0	1,0	3,0	163,0	75,0	583,0	27653,0	8396,0
10/03/2005	1,0	3,0	2,0	1,0	187,0	12,0	642,0	26665,0	7860,0
16/03/2005	1,0	1,0	0,7	2,0	73,0	9,0	250,0	10923,0	3220,0
21/03/2005	0,7	1,0	1,0	2,0	72,0	4,0	238,0	10936,0	3367,0
26/03/2005	0,7	1,0	0,5	2,0	79,0	4,0	210,0	9027,0	2153,0
26/03/2005	0,5	1,0	0,5	1,0	43,0	2,0	130,0	5927,0	1669,0
30/03/2005	1,0	1,0	0,7	2,0	85,0	11,0	251,0	10716,0	3106,0
06/04/2005	0,5	0,7	0,5	1,0	25,0	1,0	78,0	6063,0	1721,0
13/04/2005	0,7	1,0	0,7	2,0	60,0	2,0	186,0	7219,0	2224,0
20/04/2005	0,7	1,0	0,7	2,0	78,0	2,0	228,0	11617,0	3499,0
27/04/2005	0,7	1,0	0,7	2,0	76,0	7,0	226,0	10697,0	3185,0
11/05/2005	0,7	1,0	0,7	2,0	98,0	8,0	286,0	22775,0	6697,0
12/05/2005	0,5	1,0	1,0	1,0	82,0	8,0	238,0	13921,0	4444,0
18/05/2005	1,0	2,0	0,7	3,0	109,0	10,0	393,0	13479,0	3791,0
23/05/2005	0,7	1,0	0,7	3,0	94,0	8,0	244,0	11130,0	2915,0
31/05/2005	0,7	1,0	0,7	2,0	120,0	10,0	339,0	10300,0	2903,0
08/06/2005	0,5	1,0	0,7	1,0	76,0	5,0	244,0	11964,0	3328,0
15/06/2005	0,7	1,0	0,7	2,0	101,0	10,0	317,0	13087,0	3676,0
22/06/2005	0,7	1,0	0,7	3,0	106,0	8,0	269,0	9662,0	2674,0
29/06/2005	0,7	1,0	0,7	3,0	119,0	11,0	323,0	13829,0	3753,0
06/07/2005	0,5	1,0	0,5	2,0	111,0	9,0	288,0	8476,0	2224,0
11/07/2005	0,5	1,0	0,5	1,0	101,0	7,0	242,0	11742,0	2381,0
28/07/2005	0,5	1,0	0,7	1,0	81,0	7,0	264,0	7140,0	1988,0
03/08/2005	0,7	1,0	1,0	2,0	107,0	10,0	283,0	11279,0	3068,0
10/08/2005	0,7	1,0	0,7	3,0	106,0	6,0	261,0	10826,0	2926,0
17/08/2005	0,7	1,0	0,7	2,0	103,0	7,0	214,0	8418,0	2213,0
24/08/2005	0,5	0,5	1,0	2,0	122,0	12,0	236,0	10052,0	2594,0
30/08/2005	0,5	1,0	0,7	1,0	104,0	8,0	244,0	8813,0	2368,0
05/09/2005	0,7	1,0	0,7	1,0	118,0	9,0	253,0	9124,0	2447,0
15/09/2005	0,5	1,0	0,7	2,0	85,0	8,0	202,0	9652,0	2723,0
20/09/2005	0,7	1,0	1,0	3,0	112,0	7,0	306,0	10558,0	3393,0
28/09/2005	0,7	1,0	1,0	3,0	113,0	8,0	309,0	9790,0	2933,0
04/10/2005	0,7	1,0	0,7	2,0	99,0	5,0	228,0	9484,0	2777,0
30/11/2005	0,7	1,0	1,0	4,0	116,0	61,0	335,0	14418,0	3461,0
23/01/2006	0,5	1,0	1,0	3,0	124,0	7,0	359,0	11281,0	3297,0
20/03/2006	0,5	1,0	1,0	4,0	152,0	10,0	434,0	13654,0	3399,0
31/03/2006	0,5	0,7	0,7	3,0	86,0	4,0	240,0	16533,0	4470,0
18/05/2006	0,5	1,0	0,5	4,0	175,0	6,0	597,0	11876,0	3849,0
10/07/2006	0,5	0,7	1,0	4,0	141,0	6,0	373,0	15494,0	4363,0
05/09/2006	0,5	1,0	1,0	5,0	171,0	7,0	385,0	11236,0	2687,0
02/10/2006	0,5	1,0	1,0	4,0	137,0	13,0	340,0	15669,0	3993,0
27/11/2006	0,5	1,0	1,0	5,0	186,0	39,0	504,0	24393,0	5936,0

ITAIPU BINACIONAL	Sistema de Supervisão e Diagnóstico	Data : 03/08/2021
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Histórico dos Resultados dos Ensaios

Filtros selecionados:

Estado do ensaio : Concluido
Tipo do ensaio : Cromatografía
Período da coleta : De : 03/08/1980 Até : 02/08/2021
Equipamento : TRANSFORMADOR PRINCIPAL TU-01 FASE R (Código: 1230018 - Localização: A01J19 - Num.série: 500820 - Dt.ini.oper: 31/05/1984)

Dt.ensaio	C2H2 (ppm)	C2H4 (ppm)	C2H6 (ppm)	CH4 (ppm)	CO (ppm)	H2 (ppm)	CO2 (ppm)	N2 (ppm)	O2 (ppm)
22/01/2007	0,5	1,0	1,0	7,0	260,0	8,0	796,0	15498,0	3915,0
20/03/2007	0,5	1,0	1,0	6,0	245,0	11,0	788,0	18447,0	3944,0
17/05/2007	0,5	1,0	1,0	6,0	234,0	14,0	630,0	16768,0	3570,0
09/07/2007	0,5	1,0	1,0	4,0	176,0	3,0	450,0	10358,0	2150,0
04/10/2007	0,5	1,0	1,0	7,0	218,0	5,0	355,0	9706,0	1460,0
27/11/2007	0,5	1,0	1,0	7,0	291,0	4,0	726,0	14291,0	2459,0
30/01/2008	0,5	1,0	1,0	6,0	231,0	4,0	763,0	15976,0	2957,0
18/03/2008	0,0	1,0	1,0	6,0	357,0	15,0	1250,0	12199,0	2486,0
13/05/2008	0,0	1,0	1,0	7,0	280,0	15,0	1205,0	10286,0	1855,0
09/07/2008	0,0	1,0	1,0	7,0	260,0	4,0	1004,0	14930,0	3000,0
18/08/2008	0,0	0,0	0,0	0,0	0,0	0,0	8,0	3997,0	1164,0
18/08/2008	0,0	0,0	0,0	0,0	4,0	0,0	57,0	8576,0	2793,0
13/08/2008	0,0	0,0	0,0	0,0	10,0	0,0	137,0	18808,0	5543,0
08/09/2008	0,0	0,0	0,0	1,0	21,0	0,0	197,0	8918,0	2659,0
29/09/2008	0,0	1,0	0,0	1,0	47,0	0,0	433,0	15640,0	4777,0
24/11/2008	0,0	1,0	0,0	1,0	61,0	1,0	550,0	13255,0	3542,0
02/02/2009	0,0	1,0	0,0	2,0	105,0	5,0	1018,0	12474,0	2407,0
18/03/2009	0,0	1,0	0,0	2,0	116,0	6,0	777,0	19005,0	4148,0
11/05/2009	0,0	1,0	0,0	0,0	148,0	0,0	846,0	10888,0	1911,0
07/07/2009	0,0	0,0	1,0	3,0	201,0	8,0	951,0	8070,0	1031,0
08/10/2009	0,0	4,0	1,0	9,0	508,0	16,0	1796,0	8383,0	1950,0
14/12/2009	0,0	1,0	4,0	4,0	169,0	5,0	966,0	12158,0	2036,0
28/01/2010	0,0	0,0	0,0	2,0	167,0	0,0	921,0	20551,0	3689,0
22/03/2010	0,0	1,0	1,0	4,0	204,0	1,0	974,0	10072,0	1530,0
01/06/2010	0,0	2,0	0,0	4,0	179,0	6,0	935,0	28777,0	5606,0
19/07/2010	0,0	1,0	0,0	3,0	160,0	3,0	767,0	10527,0	1785,0
20/10/2010	0,0	1,0	0,0	4,0	204,0	0,0	825,0	13216,0	2287,0
06/12/2010	0,0	1,0	1,0	3,0	199,0	4,0	1206,0	12647,0	2232,0
08/02/2011	0,0	1,0	0,0	5,0	235,0	15,0	2241,0	14925,0	2287,0
13/04/2011	0,0	1,0	0,0	4,0	203,0	19,0	1199,0	12361,0	1684,0
10/06/2011	0,0	1,0	0,0	4,0	219,0	9,0	1192,0	17222,0	2891,0
21/07/2011	0,0	0,0	0,0	4,0	175,0	3,0	1076,0	11061,0	2021,0
05/10/2011	0,0	0,0	0,0	4,0	195,0	3,0	1176,0	13903,0	2638,0
23/11/2011	0,0	1,0	0,0	5,0	219,0	5,0	1219,0	12674,0	1746,0
02/02/2012	0,0	0,0	0,0	4,0	185,0	3,0	1217,0	10293,0	1468,0
02/04/2012	0,0	0,0	0,0	7,0	184,0	4,0	945,0	11135,0	1389,0
23/05/2012	0,0	1,0	0,0	4,0	404,0	3,0	966,0	9932,0	1161,0
20/07/2012	0,0	1,0	1,0	5,0	203,0	3,0	1130,0	11221,0	1543,0
02/10/2012	0,0	1,0	1,0	6,0	254,0	3,0	1318,0	14328,0	1857,0
03/12/2012	0,0	1,0	1,0	6,0	267,0	3,0	1503,0	10727,0	1313,0
28/01/2013	0,0	1,0	1,0	7,0	299,0	2,0	1658,0	11651,0	1723,0
25/03/2013	0,0	1,0	1,0	6,0	242,0	2,0	1385,0	11497,0	1353,0
20/05/2013	0,0	1,0	0,0	5,0	231,0	3,0	1177,0	11636,0	1441,0
18/07/2013	0,0	0,0	0,0	5,0	222,0	3,0	1070,0	9683,0	1078,0
30/09/2013	0,0	1,0	0,0	5,0	233,0	3,0	1163,0	15574,0	1782,0
29/11/2013	0,0	1,0	0,0	5,0	204,0	2,0	1078,0	9777,0	1318,0
01/04/2014	0,0	1,0	1,0	7,0	273,0	3,0	1433,0	12791,0	1429,0
22/05/2014	0,0	1,0	1,0	6,0	280,0	3,0	1393,0	19343,0	3108,0
06/10/2014	0,0	1,0	0,0	6,0	241,0	3,0	1085,0	16929,0	2813,0
01/12/2014	0,0	1,0	0,0	7,0	266,0	3,0	1576,0	14146,0	1729,0
04/02/2014	0,0	1,0	1,0	5,0	310,0	3,0	1209,0	13244,0	1313,0
20/01/2015	0,0	1,0	0,0	6,0	245,0	3,0	1103,0	12660,0	1785,0
26/03/2015	0,0	1,0	2,0	9,0	267,0	26,0	1916,0	12664,0	1790,0
28/05/2015	0,0	1,0	1,0	7,0	274,0	2,0	1172,0	10309,0	1155,0
30/07/2015	0,0	1,0	2,0	13,0	280,0	2,0	739,0	10400,0	1160,0
03/12/2015	0,0	6,0	1,0	5,0	181,0	2,0	1020,0	13645,0	2391,0
02/02/2016	0,0	1,0	2,0	7,0	306,0	3,0	1782,0	16843,0	2819,0

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Dt.ensaio	C2H2 (ppm)	C2H4 (ppm)	C2H6 (ppm)	CH4 (ppm)	CO (ppm)	H2 (ppm)	CO2 (ppm)	N2 (ppm)	O2 (ppm)
28/03/2016	0,0	1,0	2,0	9,0	339,0	3,0	2074,0	18761,0	2611,0
30/05/2016	0,0	1,0	2,0	9,0	377,0	3,0	2039,0	15275,0	1725,0
19/07/2016	0,0	1,0	1,0	5,0	177,0	1,0	704,0	15551,0	2806,0
12/09/2016	0,0	1,0	1,0	6,0	222,0	2,0	1186,0	12429,0	1827,0
02/12/2016	0,0	1,0	0,0	11,0	374,0	2,0	2073,0	15162,0	1654,0
16/01/2017	0,0	1,0	2,0	14,0	309,0	2,0	1759,0	12786,0	1233,0
22/03/2017	0,0	1,0	1,0	10,0	371,0	3,0	2201,0	22223,0	3556,0
16/05/2017	0,0	2,0	2,0	11,0	398,0	3,0	2062,0	16574,0	1597,0
24/07/2017	0,0	2,0	2,0	9,0	323,0	3,0	1631,0	19203,0	3170,0
08/09/2017	0,0	1,0	2,0	8,0	290,0	2,0	1484,0	12810,0	1917,0
05/12/2017	0,0	0,0	0,0	7,0	269,0	1,0	1269,0	18600,0	3384,0
08/01/2018	0,0	1,0	1,0	8,0	323,0	2,0	1398,0	16776,0	2408,0
19/03/2018	0,0	2,0	2,0	12,0	436,0	3,0	2315,0	19300,0	2474,0
16/05/2018	0,0	1,0	1,0	9,0	365,0	10,0	1917,0	37565,0	7473,0
10/07/2018	0,0	0,0	0,0	9,0	382,0	4,0	1779,0	19090,0	2493,0
13/09/2018	0,0	0,0	0,0	4,0	177,0	1,0	696,0	10551,0	1351,0
19/12/2018	0,0	1,0	2,0	11,0	408,0	3,0	1955,0	21666,0	3324,0
25/01/2019	0,0	2,0	4,0	11,0	260,0	2,0	2968,0	12952,0	2598,0
01/04/2019	0,0	2,0	4,0	17,0	526,0	3,0	3815,0	23425,0	3383,0
24/05/2019	0,0	0,0	2,0	13,0	324,0	2,0	3156,0	13124,0	1929,0
09/07/2019	0,0	1,0	4,0	13,0	331,0	5,0	3128,0	15101,0	2399,0
12/09/2019	0,0	2,0	4,0	15,0	342,0	2,0	3432,0	21654,0	4200,0
29/11/2019	0,0	2,0	5,0	16,0	374,0	3,0	2084,0	17513,0	3176,0
30/01/2020	0,0	1,0	2,0	15,0	508,0	5,0	2428,0	18728,0	1764,0
17/03/2020	0,0	1,0	2,0	13,0	503,0	2,0	2745,0	19734,0	1803,0
12/05/2020	0,0	1,0	0,0	11,0	383,0	0,0	2588,0	19758,0	2543,0
06/07/2020	0,0	0,0	0,0	9,0	331,0	3,0	2450,0	28207,0	3922,0
03/09/2020	0,0	1,0	2,0	11,0	398,0	1,0	2011,0	21182,0	2746,0
23/11/2020	0,0	1,0	2,0	9,0	315,0	1,0	1631,0	17427,0	2325,0
19/01/2021	0,0	1,0	3,0	12,0	410,0	2,0	2321,0	17640,0	2150,0
15/03/2021	0,0	0,0	1,0	4,0	298,0	1,0	1399,0	12022,0	1589,0
17/05/2021	0,0	0,0	1,0	4,0	288,0	1,0	1675,0	10816,0	1137,0