

RESULTADOS DE LOS ENSAYOS REALIZADOS A LOS GASOHOLES Y GASOLINAS DE LAS REFINERÍAS Y PLANTAS - 2011

Refinería/ Terminal/Planta de Venta	PRODUCTO	Fecha de muestreo	Octanaje ASTM D 2699 (RON)	Presión de Vapor ASTM D 323 (psi)	Azufre ASTM D 4294 (ppm)	Contenido de Manganeseo ASTM D 3831 (mg/L)	Etanol ASTM D 5845 (% Vol)	Total Oxigenados ASTM D 5845 (% Vol)	Destilación										
									ASTM D 86 (PIE) °C	ASTM D 86 (5%) °C	ASTM D 86 (10%) °C	ASTM D 86 (20%) °C	ASTM D 86 (50%) °C	ASTM D 86 (90%) °C	ASTM D 86 (95%) °C	ASTM D 86 (PFE) °C	ASTM D 86 (RECUP) %Vol	ASTM D 86 (RESIDUO) %Vol	ASTM D 86 (PERDIDAS) %Vol
Planta de Ventas Conchan	Gasolina 84	11/01/2011	84.30	7.8	231	2.2			31.00	49.50	57.00	68.50	106.00	156.50	174.50	201.50	99.00	0.90	0.10
Planta de Ventas Conchan	Gasolina 90	11/01/2011	90.40	8	317	8.8			29.50	46.00	53.00	63.00	102.50	166.50	183.00	205.50	99.00	0.90	0.10
Planta de Ventas Conchan	Gasolina 95	11/01/2011	95.10	8	608	9.1			30.00	44.50	49.50	58.00	100.00	182.00	195.50	215.00	99.00	0.90	0.10
Planta de Ventas Conchan	Gasolina 97	11/01/2011	96.70	7.8	91	3.4			31.50	49.00	55.50	66.50	110.00	165.00	179.50	202.50	99.00	0.90	0.10
Planta de Ventas Conchan	Gasohol 84P	11/01/2011	88.80	8		5.40	8.00	<8.7	32.50	48.50	53.00	59.00	101.00	154.00	173.00	200.00	99.00	0.10	0.90
Planta de Ventas Conchan	Gasohol 90P	11/01/2011	93.2	8.8		5.7	8.50	<9.1	31.5	46.5	50.5	56.5	94.5	165.5	181.5	205.00	99.00	0.9	0.1
Planta de Ventas Conchan	Gasolina 84	15/03/2011	84.3	6.4	149	7.8			30.5	50.5	58.0	69.5	105.5	157.5	169.5	197.0	99.0	0.9	0.1
Planta de Ventas Conchan	Gasolina 90	15/03/2011	89.8	8.2	233	9.4			30.0	47.0	54.0	65.0	105.0	163.0	178.0	198.0	99.0	0.8	0.2
Planta de Ventas Conchan	Gasolina 95	15/03/2011	94.4	7.6	404	7.3			30	45	50.5	60	100	174.5	186.5	210	99	0.8	0.2
Planta de Ventas Conchan	Gasolina 97	15/03/2011	97.0	7.2	128	17.0			31.0	49.0	56.0	67.0	110.5	168.0	181.5	209.5	99.0	0.8	0.2
Planta de Ventas Conchan	Gasohol 84P	15/03/2011	88.6	8.4		7.2	8.1	<8.7	33.0	49.5	54.0	59.5	100.5	153.5	166.5	194.5	99.0	0.9	0.1
Planta de Ventas Conchan	Gasohol 90P	15/03/2011	92.7	8.6		7.6	8.0	<8.6	32.0	47.0	51.0	57.0	98.5	161.0	173.5	199.5	99.0	0.9	0.1
Planta de Ventas Conchan	Gasolina 84	23/06/2011	84.2	6.4	320				34.5	49.0	56.5	69.0	107.5	166.0	184.5	207.5	99.0	0.8	0.2
Planta de Ventas Conchan	Gasolina 90	23/06/2011	90.4	8	429				27.5	45.0	52.0	63.0	105.5	176.0	191.0	214.0	99.0	0.8	0.2
Planta de Ventas Conchan	Gasolina 95	23/06/2011	94.6	8.6	464				34.0	42.5	48.0	57.5	99.5	184.0	198.5	212.0	98.5	1.4	0.1
Planta de Ventas Conchan	Gasolina 97	23/06/2011	97.0	8	142				34.0	47.0	53.5	67.0	116.0	172.0	185.5	220.5	99.0	0.8	0.2
Planta de Ventas Conchan	Gasolina 84	22/09/2011	84.3	7.4	250				30.5	47	55.5	68	108	169.5	188	209.5	98	0.9	1.1
Planta de Ventas Conchan	Gasolina 90	22/09/2011	90.4	7.4	317				29.5	46	53	64	106.5	178.5	196	216.5	99	0.8	0.2
Planta de Ventas Conchan	Gasolina 95	22/09/2011	95.1	7.6	329				30	43.5	50	60	103	182.5	198	213	98	1.4	0.6
Planta de Ventas Conchan	Gasolina 97	22/09/2011	96.7	7	153				27.5	41	47.5	57	108	173.5	190	215.5	98	1.1	0.9
Planta de Ventas Conchan	Gasohol 84P	22/09/2011	89.1	8.2			8.2	<8.8	33	48.5	53.5	59	103	167	187	208.5	98	1.5	0.5
Planta de Ventas Conchan	Gasohol 90P	22/09/2011	92.6	8.2			7.1	<7.7	30.5	45.5	49.5	55.5	99	177.5	196.5	212.5	98.5	1.2	0.3
Planta de Ventas Conchan	Gasohol 95P	22/09/2011	96.4	8.4			7.6	<8.2	31.5	45	49	54.5	94.5	182.5	197	211.5	99	0.9	0.1
Planta de Ventas Conchan	Gasohol 97P	22/09/2011	98.1	8.8			7	<8.6	34	41.5	46	53	101	172	194	213.5	98	1.2	0.8
Planta de Ventas Conchan	Gasohol 84P	15/11/2011	89	7.95		31.8	8.1	<8.7	33	50	54	58.5	96.5	147.5	164	198	99	0.8	0.2
Planta de Ventas Conchan	Gasohol 90P	15/11/2011	93.2	7.95		15.6	8	<8.9	31.5	47	50.5	55.5	87.5	154	170	197	99	0.8	0.2
Planta de Ventas Conchan	Gasohol 95P	15/11/2011	97	8.4		20.8	7.8	<8.7	30	45.5	49.5	55.5	101.5	187.5	200	217.5	99	0.8	0.2
Planta de Ventas Conchan	Gasolina 84	15/11/2011	84.4			34.1			31.5	50	58	68.5	100.5	150	167	200	98.5	1	0.5
Planta de Ventas Conchan	Gasolina 90	15/11/2011	90.4			16			35.5	42	45	50.5	72.5	162	171	195.5	99	0.6	0.4
Planta de Ventas Conchan	Gasolina 95	15/11/2011	95.5			21.5			29	44.5	51	61	110	189.5	202.5	216	98.5	1.1	0.4
Planta de Ventas Conchan	Gasolina 97	15/11/2011	97.4			9.4			35.5	43	47.5	53.5	89.5	163.5	173.5	195.5	98.5	1	0.5
Planta de Ventas Conchan	Gasohol 97P	15/11/2011	98.5	9.4			9.2	<18.2	31	47.5	54	62	93.5	154	170	186	99	0.9	0.1
Planta de Ventas El Milagro	Gasohol 84P	21/01/2011	88.8	7.2		7.0	8.0	<8.6	36.0	49.5	53.5	59.0	97.0	155.0	174.5	198.0	99.0	0.7	0.30
Planta de Ventas El Milagro	Gasolina 84	22/06/2011	84.5	7.6	365				30.0	49.0	56.5	68.0	104.0	171.0	191.5	210.0	99.0	0.9	0.1
Planta de Ventas El Milagro	Gasolina 90	22/06/2011	90.6	8	395				29.5	46.0	53.0	64.0	105.0	178.0	197.5	214.5	99.0	0.9	0.1
Planta de Ventas El Milagro	Gasohol 84P	22/06/2011	88.6	8.2			8.0	<8.6	32.5	48.5	52.5	58.5	99.0	168.0	187.5	208.5	99.0	0.9	0.1
Planta de Ventas El Milagro	Gasolina 84	24/09/2011	84.4	7.6	226				31.5	50.5	59	72	105.5	160.5	183.5	207	98	1.1	0.9
Planta de Ventas El Milagro	Gasolina 90	24/09/2011	90.5	7.8	378				31.5	45.5	52.5	64	105	177	196.5	215.5	99	0.9	0.1
Planta de Ventas El Milagro	Gasohol 84P	24/09/2011	88.6	7.6			7.5	<8.1	33.5	49.5	54.5	60	102	158.5	182	206.5	98	1.1	0.9
Planta de Ventas El Milagro	Gasohol 90P	24/09/2011	93	7.2			7.2	<7.8	31	46	50.5	56.5	99.5	175	194	211.5	98.5	1.1	0.4
Planta de Ventas El Milagro	Gasolina 84	09/11/2011	84.1			24.8			34	50	58	70	101	152.5	175.5	197	98.5	0.9	0.6
Planta de Ventas El Milagro	Gasolina 90	09/11/2011	90.4			15.4			30	47	54	64	101	168	189.5	209.5	98.5	1.1	0.4
Planta de Ventas El Milagro	Gasohol 84P	09/11/2011	88.7	8.8		23.7	7.5	<8.1	38	49	54	60	100	154	181	202	99	0.8	0.2
Planta de Ventas El Milagro	Gasohol 90P	09/11/2011	93.6	8		13.8	8.2	<8.8	33	45.5	50	56	92.5	166	187.5	208	98	1.1	0.9

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									ASTM D 86 (PIE) °C	ASTM D 86 (5%) °C	ASTM D 86 (10%) °C	ASTM D 86 (20%) °C	ASTM D 86 (50%) °C	ASTM D 86 (90%) °C	ASTM D 86 (95%) °C	ASTM D 86 (PFE) °C	ASTM D 86 (RECUP) %Vol	ASTM D 86 (RESIDUO) %Vol	ASTM D 86 (PERDIDAS) %Vol
Planta de Ventas Herco	Gasolina 84	23/06/2011	87.1	9.8	138				36.0	40.5	42.5	50.0	76.5	140.5	164.5	186.0	99.0	0.8	0.2
Planta de Ventas Herco	Gasolina 90	23/06/2011	90.8	10.4	248				34.5	39.5	41.0	47.0	76.5	154.5	183.0	214.5	99.0	0.8	0.2
Planta de Ventas Herco	Gasohol 84P	21/11/2011	85.8	10.35		11	9.2	<11	35	41	42.5	45	54	110	127.5	167.5	98	0.8	1.2
Planta de Ventas Herco	Gasolina 84	13/01/2011	86.8	11.4	71	>40			29.5	38.0	40.5	49.0	75.5	137.5	160.5	189.5	99.0	0.9	0.10
Planta de Ventas Herco	Gasolina 90	13/01/2011	92.6	10.4	173	>40			29.5	39.0	41.0	45.0	77.0	152.5	171.0	198.00	99.00	0.9	0.1
Planta de Ventas Herco	Gasolina 84	09/03/2011	86.0	9.4	156	14.5			32.5	45.0	52.5	64.5	100.5	159.0	175.0	195.0	98.5	1.0	0.5
Planta de Ventas Herco	Gasolina 90	09/03/2011	92.5	10.6	208	39.1			31.5	40.0	46.5	59.0	95.5	167.5	187.0	198.5	97.5	1.1	1.4
Planta de Ventas Herco	Gasohol 90P	08/09/2011	91.8				7.6	<9.2	30	41.5	43.5	46.5	58	135.5	160.5	193	99	0.8	0.2
Planta de Ventas Iquitos	Gasolina 84	25/01/2011	83.8	7.6	213	31.1			33.0	52.0	59.5	69.5	101.5	151.5	168.0	200.5	99.0	0.9	0.10
Planta de Ventas Iquitos	Gasolina 90	25/01/2011	90.4	7.4	422	13.4			32.0	49.0	55.0	64.0	99.0	162.5	177.5	206.0	99.0	0.90	0.10
Planta de Ventas Iquitos	Gasolina 84	12/03/2011	84.9	7.2	329	28.3			34.0	49.5	55.0	62.0	86.5	144.0	163.0	198.5	99.0	0.8	0.2
Planta de Ventas Iquitos	Gasolina 90	12/03/2011	90.4	8.2	460	23.3			32.0	51.0	57.5	67.0	101.0	159.5	172.0	203.0	99.0	0.9	0.1
Planta de Ventas Iquitos	Gasolina 84	16/06/2011	86.4	8	141				36.0	45.0	49.0	56.0	93.0	167.5	190.0	225.0	98.5	1.3	0.2
Planta de Ventas Iquitos	Gasolina 90	16/06/2011	91.5	7	484				31.5	49.0	54.5	63.5	98.5	165.5	183.5	211.0	99.0	0.8	0.2
Planta de Ventas Iquitos	Gasolina 84	09/09/2011	85	8	105				30	45.5	51	58.5	94	160.5	179.5	205.5	98.5	1.1	0.4
Planta de Ventas Iquitos	Gasolina 90	09/09/2011	91.2	8.8	211				33.5	43	48.5	55.5	93.5	166	192	219	98	0.9	1.1
Planta de Ventas Iquitos	Gasolina 84	16/11/2011	84.2			8.5			32	48	53.5	61.5	91	164.5	188.5	220.5	99	0.9	0.1
Planta de Ventas La Pampilla	Gasohol 84P	29/09/2011	87.4	7.2			7.8	<8.4	32	45	49.5	55	85	139	154.5	183.5	98	0.9	1.1
Planta de Ventas La Pampilla	Gasohol 90P	29/09/2011	91.8	9.2			7.7	<8.8	28.5	43.5	47.5	53.5	82	147	166.5	191	99	0.9	0.1
Planta de Ventas La Pampilla	Gasohol 95P	29/09/2011	96	7.8			7.4	<8.2	28.5	44	48.5	55	89.5	142	154	182.5	99	0.9	0.1
Planta de Ventas La Pampilla	Gasohol 84P	23/11/2011	88.6	9.6			8	<8.7	29.5	46	50.5	56	90.5	151	168	192.5	99	0.9	0.1
Planta de Ventas La Pampilla	Gasohol 90P	23/11/2011	93.1	10.65			7.7	<8.6	27	42.5	47	53.5	88.5	159.5	174	194	99	0.7	0.3
Planta de Ventas La Pampilla	Gasohol 95P	23/11/2011	97.3	9.35			7.4	<8.1	29.5	42	47.5	55.5	91.5	146	160.5	189	98	0.9	1.1
Planta de Ventas La Pampilla	Gasohol 98P	23/11/2011	99.4	28.5			7.3	<7.9	28.5	44	50.5	59.5	100	141	149.5	174	98	0.9	0.1
Planta de Ventas MAPLE	Gasolina 84	19/11/2011	84.4			>40.0			37	48.5	52	56	71	107	116	166	98	0.8	1.2
Planta de Ventas MAPLE	Gasolina 84	19/11/2011	84			39.8			37	49.5	53	56.5	73	110	121	174.5	98	0.8	1.2
Planta de Ventas MAPLE	Gasolina 84	27/01/2011	84.4	7.4	<17		37.1		36.0	50.0	53.0	57.0	73.5	11.5	123.0	164.0	99.0	0.90	0.10
Planta de Ventas MAPLE	Gasolina 84	19/03/2011	84.4	7.6	<17		31.2		35.0	49.0	53.0	57.5	72.5	108.0	118.5	190.0	99.0	0.8	0.2
Planta de Ventas MAPLE	Gasolina 84	17/06/2011	84.4	7.8	286.0				35.0	48.0	51.0	54.5	69.5	104.0	112.0	187.0	99.0	0.9	0.1
Planta de Ventas MAPLE	Gasolina 84	16/09/2011	84.5	8.4	<17				35.5	49	52.5	57	74.5	112.5	124.5	188	98.5	1	0.5
Planta de Ventas Pasco	Gasohol 90P	17/03/2011	93.3	8.4			8.0	<8.6	31.5	47.0	51.5	57.0	99.0	162.5	175.5	200.0	99.0	0.9	0.1
Planta de Ventas Pasco	Gasohol 84P	17/03/2011	88.7	8.6			8.0	<8.6	35.0	49.5	53.5	59.5	99.5	154.0	166.5	194.0	99.0	0.8	0.2
Planta de Ventas Pasco	Gasohol 84P	21/06/2011	88.6	9			7.9	<8.5	32.5	49.0	53.5	59.0	102.0	165.0	184.5	209.0	99.0	0.8	0.2
Planta de Ventas Pasco	Gasohol 90P	21/06/2011	93.0	9.2			7.9	<8.5	30.5	46.0	50.5	56.0	98.0	173.5	192.0	211.5	99.0	0.8	0.2
Planta de Ventas Pasco	Gasohol 84P	19/09/2011	89.5	8			7.9	<8.6	32.5	50	54.5	60.5	104	159.5	178	206	99	0.7	0.3
Planta de Ventas Pasco	Gasohol 90P	19/09/2011	93.4	8			7.8	<8.4	31	46	50.5	56.5	98	171.5	191	210	99	0.9	0.1
Planta de Ventas Pasco	Gasohol 84P	18/11/2011	89.6	8.35			8	<8.6	34.5	48.5	52.5	57.5	94	149.5	166	197	98	0.9	1.1
Planta de Ventas Pasco	Gasohol 90P	18/11/2011	92.3	8.8			7.8	<8.8	33.5	47.5	51	55.5	88	154	170.5	196.5	99	0.9	0.1
Planta de Ventas Piura	Gasolina 84	18/01/2011	84.8	6.8	263				36.0	50.0	57.5	68.0	102.5	159.5	180.5	204.5	99.0	0.9	0.10
Planta de Ventas Piura	Gasolina 90	18/01/2011	89.8	7.2	382				33.5	45.5	52.0	63.0	102.0	176.0	196.5	211.0	98.0	1.2	0.80
Planta de Ventas Piura	Gasohol 84P	18/01/2011	88.2	8.4			8.1	<8.7	35.0	50.5	54.0	59.0	97.0	154.5	175.5	196.0	99.0	1.00	0.00
Planta de Ventas Piura	Gasohol 90P	18/01/2011	92.5	8.6			7.7	<8.3	32.0	46.5	50.5	56.0	93.5	166.0	183.5	205.5	99.0	0.90	0.10
Planta de Ventas Piura	Gasolina 84	18/03/2011	84.9	7.6	237				32.5	51.0	58.5	70.0	104.5	166.0	189.0	202.0	98.0	1.1	0.9
Planta de Ventas Piura	Gasolina 90	18/03/2011	90.2	9.0	359				28.0	45.5	52.0	62.5	102.0	172.5	189.5	206.5	98.0	1.1	0.9

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Refinería/ Terminal/Planta de Venta	PRODUCTO	Fecha de muestreo	Octanaje ASTM D 2699 (RON)	Presión de Vapor ASTM D 323 (psi)	Azufre ASTM D 4294 (ppm)	Contenido de Manganeseo ASTM D 3831 (mg/L)	Etanol ASTM D 5845 (% Vol)	Total Oxigenados ASTM D 5845 (% Vol)	Destilación										
									ASTM D 86 (PIE) °C	ASTM D 86 (5%) °C	ASTM D 86 (10%) °C	ASTM D 86 (20%) °C	ASTM D 86 (50%) °C	ASTM D 86 (90%) °C	ASTM D 86 (95%) °C	ASTM D 86 (PFE) °C	ASTM D 86 (RECUP) %Vol	ASTM D 86 (RESIDUO) %Vol	ASTM D 86 (PERDIDAS) %Vol
Planta de Ventas Piura	Gasohol 84P	18/03/2011	89.1	8.8			8.2	< 8.8	33.5	49.0	53.5	59.0	98.0	157.0	176.0	203.0	99.0	0.9	0.1
Planta de Ventas Piura	Gasohol 90P	18/03/2011	93.3	10.00			8.1	< 8.7	29.5	45.0	49.5	55.5	93.0	168.5	184.5	207.0	99.0	0.9	0.1
Planta de Ventas Piura	Gasolina 84	18/06/2011	84.3	7.2	284				30.5	50.0	58.0	70.0	104.5	163.0	186.0	211.0	98.5	1.1	0.4
Planta de Ventas Piura	Gasolina 90	18/06/2011	90.7	8.2	402				31.0	44.0	51.0	62.5	103.5	179.0	197.5	215.5	98.0	1.0	1.0
Planta de Ventas Piura	Gasohol 84P	17/06/2011	88.8	8.6			8.2	<8.8	37.0	49.5	53.5	59.5	100.0	163.0	187.5	211.0	98.0	1.0	1.0
Planta de Ventas Piura	Gasohol 84P	18/06/2011	88.8	7.8			8.1	<8.7	32.0	49.5	53.5	59.5	100.0	159.5	182.0	208.0	99.0	0.8	0.2
Planta de Ventas Piura	Gasohol 90P	18/06/2011	93.6	8.2			8.1	<8.7	34.0	46.5	50.0	56.0	95.0	176.5	195.5	212.0	99.0	0.8	0.2
Planta de Ventas Piura	Gasolina 84	19/09/2011	84.8	7.2	254				32	50	59	72	106	160	183.5	204.5	97.5	1.4	1.1
Planta de Ventas Piura	Gasolina 90	21/09/2011	90.5	7.6	398				30	46	53.5	64.5	105.5	176	196	211.5	98.5	1.2	0.3
Planta de Ventas Piura	Gasohol 84P	19/09/2011	88.8	6.8			8	<8.6	33.5	50	54.5	60.5	102	157.5	181.5	205.5	98.5	1.1	0.4
Planta de Ventas Piura	Gasohol 90P	19/09/2011	93.4	5.8			8	<8.6	36	47.5	51.5	57.5	98.5	178	200	211.5	98	1.2	0.8
Planta de Ventas Piura	Gasohol 84P	11/11/2011	89.1	8			8.1	<8.7	32.5	49.5	54	59.5	98	149	172.5	201.5	99	0.9	0.1
Planta de Ventas Piura	Gasohol 90P	11/11/2011	93.8	8.35			8	<8.6	35	45.5	49.5	55.5	92	171	198	206	98	0.9	0.1
Planta de Ventas Pucallpa	Gasolina 84	28/01/2011	84.7	7.2	176	9.4			31.5	50.0	56.5	67.5	102.5	158.0	173.0	207.0	99.0	0.90	0.10
Planta de Ventas Pucallpa	Gasolina 90	28/01/2011	90.5	8	113	8.9			30.0	47.0	55.0	67.0	107.5	164.5	176.5	204.0	99.0	0.90	0.10
Planta de Ventas Pucallpa	Gasolina 84	18/03/2011	84.4	7.4	166	8.2			33.0	48.0	55.0	66.0	100.5	155.0	170.0	193.0	99.0	0.8	0.2
Planta de Ventas Pucallpa	Gasolina 90	18/03/2011	90.8	8	271	5.7			36.0	48.0	53.5	64.0	101.5	164.5	178.0	202.0	99.0	0.9	0.1
Planta de Ventas Pucallpa	Gasolina 84	17/06/2011	84.5	6.2	<17				31.0	50.5	58.0	69.0	104.0	163.5	182.5	210.5	99.0	0.8	0.2
Planta de Ventas Pucallpa	Gasolina 90	17/06/2011	90.5	7.6	421				30.0	47.5	53.5	63.5	101.0	171.5	190.0	209.0	99.0	0.8	0.2
Planta de Ventas Pucallpa	Gasolina 84	15/09/2011	84.2	8	193				29.5	48	56.5	67.5	103.5	158.5	176.5	201.5	98	1.2	0.8
Planta de Ventas Pucallpa	Gasolina 90	15/09/2011	90.3	7.8	327				30	46	53.5	64.5	103.5	171	191.5	208.5	98	1.3	0.7
Planta de Ventas Pucallpa	Gasolina 84	19/11/2011	84.3			30.4			33	51.5	58.5	68.5	99	150.5	168	201.5	99	0.9	0.1
Planta de Ventas Pucallpa	Gasolina 90	19/11/2011	89.8			16			31.5	48	54	62.5	94	156	174	202.5	99	0.8	0.2
Planta de Ventas Pucallpa	Gasolina 90	13/12/2011	90.1	7.55	215				33	49	54.5	63.5	97.5	160.5	177	200	98	0.9	1.1
Planta de Ventas Talara	Gasolina 84	20/01/2011	84.7	7.8	258				32.0	50.5	58.0	69.5	102.0	157.5	177.0	200.0	99.0	0.9	0.1
Planta de Ventas Talara	Gasolina 90	19/01/2011	90.4	7.4	263				28.5	46.5	53.5	64.5	102.0	165.0	182.0	201.5	99.0	0.50	0.50
Planta de Ventas Talara	Gasolina 95	20/01/2011	94.6	9	402				29.5	44.5	49.5	58.0	96.0	172.5	185.0	201.0	99.0	0.9	0.10
Planta de Ventas Talara	Gasolina 95	16/03/2011	95.0	8.4	435				29.5	44.5	50.0	59.0	100.0	176.0	190.5	207.5	98.5	1.1	0.4
Planta de Ventas Talara	Gasolina 84	16/03/2011	84.8	8	242				32.0	51.5	58.5	70.0	103.5	164.0	185.5	202.5	98.0	1.1	0.9
Planta de Ventas Talara	Gasolina 90	16/03/2011	90.1	9.0	339				29.0	45.5	52.0	63.0	103.0	175.0	194.0	206.5	98.0	1.1	0.9
Planta de Ventas Talara	Gasohol 84P	16/03/2011	86.8	8.40			8.2	< 8.8	34.5	48.0	52.0	61.5	100.5	158.5	179.5	200.5	99.0	0.8	0.2
Planta de Ventas Talara	Gasohol 90P	16/03/2011	93.1	9.40			7.8	< 8.4	32.0	46.0	50.5	56.0	93.5	168.5	185.0	209.5	99.0	0.8	0.2
Planta de Ventas Talara	Gasohol 95P	16/03/2011	96.5	9.40			7.8	< 8.4	35.0	45.0	48.5	54.0	87.0	173.0	186.0	207.0	99.0	0.9	0.1
Planta de Ventas Talara	Gasolina 84	17/06/2011	84.3	8	282				29.5	50.0	58.0	70.0	104.5	163.0	186.0	210.5	99.0	0.9	0.1
Planta de Ventas Talara	Gasolina 90	17/06/2011	90.8	6.2	403				32.0	45.0	51.0	62.0	103.5	178.0	194.5	225.5	99.0	0.8	0.2
Planta de Ventas Talara	Gasolina 95	17/06/2011	94.6	8.4	436				29.0	44.0	49.5	58.5	101.0	180.0	193.5	210.5	99.0	0.8	0.2
Planta de Ventas Talara	Gasohol 90P	17/06/2011	93.9	8.6			8.0	<8.6	30.5	46.0	50.5	56.5	97.5	175.0	194.5	211.5	99.0	0.8	0.2
Planta de Ventas Talara	Gasohol 95P	17/06/2011	96.5	8.6			7.8	<8.4	29.0	44.0	48.0	53.5	91.0	179.0	194.0	210.0	99.0	0.9	0.1
Planta de Ventas Talara	Gasolina 84	20/09/2011	84.9	7.4	223				31.5	52.5	60.5	72.5	106.5	160.5	182	209	99	0.9	0.1
Planta de Ventas Talara	Gasolina 90	20/09/2011	90.8	8	401				29.5	45	52	63.5	104.5	176.5	197	213.5	98	1.3	0.7
Planta de Ventas Talara	Gasolina 95	20/09/2011	95	6	546				31	46.5	52.5	61.5	104	183.5	199.5	213	98.5	1.1	0.4
Planta de Ventas Talara	Gasohol 90P	20/09/2011	94.4	5.8			8.1	<8.7	37.5	48	51	57	97	173	196.5	212	98.5	1.1	0.4
Planta de Ventas Talara	Gasohol 84P	10/11/2011	89	6.8		22	8	<8.6	38	48.5	52.5	58	97.5	150	174.5	200.5	99	0.7	0.3
Planta de Ventas Talara	Gasohol 90P	10/11/2011	93.6	9		7.1	7.8	<8.4	36	46	50	55.5	89	163	183	206.5	99.5	0.4	0.1

RESULTADOS DE LOS ENSAYOS REALIZADOS A LOS GASOHOLES Y GASOLINAS DE LAS REFINERÍAS Y PLANTAS - 2011

Refinería/ Terminal/Planta de Venta	PRODUCTO	Fecha de muestreo	Octanaje ASTM D 2699 (RON)	Presión de Vapor ASTM D 323 (psi)	Azufre ASTM D 4294 (ppm)	Contenido de Manganeseo ASTM D 3831 (mg/L)	Etanol ASTM D 5845 (% Vol)	Total Oxigenados ASTM D 5845 (% Vol)	Destilación										
									ASTM D 86 (PIE) °C	ASTM D 86 (5%) °C	ASTM D 86 (10%) °C	ASTM D 86 (20%) °C	ASTM D 86 (50%) °C	ASTM D 86 (90%) °C	ASTM D 86 (95%) °C	ASTM D 86 (PFE) °C	ASTM D 86 (RECUP) %Vol	ASTM D 86 (RESIDUO) %Vol	ASTM D 86 (PERDIDAS) %Vol
Planta de Ventas Talara	Gasohol 95P	10/11/2011	97.2	8.6		16.4	9	<9.6	32.5	43.5	48.5	55	94.5	187	200.5	213.5	98	1.1	0.9
Planta de Ventas Tarapoto	Gasolina 84	22/01/2011	84.7	8	245				38.5	50.5	57.0	67.5	101.5	158.0	177.5	200.0	99.0	0.90	0.10
Planta de Ventas Tarapoto	Gasolina 90	22/01/2011	90.4	7.2	299				29.5	46.5	53.5	64.0	102.5	170.0	186.0	202.0	98.5	1.10	0.40
Planta de Ventas Tarapoto	Gasolina 84	21/03/2011	84.7	7.6	234				32.5	50.5	57.5	68.0	102.5	163.5	186.0	201.0	98.0	1.1	0.9
Planta de Ventas Tarapoto	Gasolina 90	21/03/2011	90.4	9.2	351				29.0	45.5	52.0	62.5	102.0	172.0	191.5	206.5	98.5	1.1	0.4
Planta de Ventas Tarapoto	Gasolina 84	23/06/2011	84.2	6.8	285				31.0	50.0	58.0	70.5	105.0	164.5	191.5	212.0	98.5	1.1	0.4
Planta de Ventas Tarapoto	Gasolina 90	23/06/2011	90.4	7.2	378				29.0	44.0	51.5	62.5	104.5	177.0	196.0	211.0	98.0	1.0	1.0
Planta de Ventas Tarapoto	Gasolina 84	23/09/2011	84.4	7.4	233				38	51	59	72	105.5	165	187.5	208.5	98	1.5	0.5
Planta de Ventas Tarapoto	Gasolina 90	23/09/2011	90.1	7.6	383				31	46.5	53.5	64.5	105.5	176	197	216	98.5	1.1	0.4
Planta de Ventas Tarapoto	Gasolina 84	08/11/2011	84.4						36	53	60	71.5	103	151	177	201	99	0.7	0.3
Planta de Ventas Tarapoto	Gasolina 90	08/11/2011	90.6						31	47	53.5	62.5	96.5	163.5	183	205	98.5	1.1	0.4
Planta de Ventas Yurimaguas	Gasolina 84	22/01/2011	85.0	7.2	245				31.5	50.0	58.0	69.5	103.0	157.0	174.0	200.5	99.0	0.9	0.10
Planta de Ventas Yurimaguas	Gasolina 84	21/03/2011	84.9	8	244				32.5	51.5	59.0	70.0	104.0	164.5	187.0	202.0	98.0	1.1	0.9
Planta de Ventas Yurimaguas	Gasolina 84	23/06/2011	84.1	7.2	284				31.5	51.0	59.0	71.0	105.0	164.0	188.0	212.5	98.5	1.1	0.4
Planta de Ventas Yurimaguas	Gasolina 84	22/09/2011	84.5	6.8	246				31.5	50.5	59.5	72	106	160.5	183.5	206.5	98	1.1	0.9
Planta de Ventas Yurimaguas	Gasolina 84	07/11/2011	84.6						32	51.5	60	72	103.5	153	176	204	98.5	1	0.5
Refinería Conchan	Gasolina 90	15/03/2011	89.6	7.8	288	7.7			30.5	47	53.5	64.5	106.5	169	182	207.5	99	0.9	0.1
Refinería Conchan	Gasolina 95	22/09/2011	95.2	7.2	338				29	43	49	59	102.5	184	198	214	98.5	1.1	0.4
Refinería El Milagro	Gasolina 84	21/01/2011	85.8	7	261	10.8			37.0	50.5	58.0	69.0	101.5	158.5	177.5	202.5	99.0	0.9	0.10
Refinería El Milagro	Gasolina 90	21/01/2011	90.0	8.2	306	3.9			32.5	45.0	52.0	63.0	101.5	171.0	185.5	206.0	99.0	0.90	0.10
Refinería El Milagro	Gasolina 90	20/03/2011	90.4	8.2	334	1.9			29.5	46.5	53.0	63.0	101.5	169.0	185.0	204.0	99.0	1.0	0.0
Refinería Iquitos	Gasolina 84	24/01/2011	84.2	6.4	282	30.3			35.0	56.0	64.0	75.5	105.5	150.5	168.5	193.5	99.0	0.80	0.20
Refinería Iquitos	Gasolina 84	11/03/2011	84.7	8	336	30.1			33.5	49.5	54.5	61.0	87.5	148.5	169.5	195.5	99.0	0.9	0.1
Refinería La Pampilla	Gasolina 84	11/01/2011	84.40	7.6	631				32.00	49.00	56.00	66.00	97.00	146.00	161.00	190.50	99.00	0.90	0.10
Refinería La Pampilla	Gasolina 90	11/01/2011	90.80	9.4	1050				28.50	44.00	50.50	61.00	96.00	145.50	156.00	175.50	99.00	0.70	0.30
Refinería La Pampilla	Gasolina 95	11/01/2011	95.00	9.8	494				27.50	43.50	51.00	63.00	99.00	148.00	159.00	181.50	99.00	0.90	0.10
Refinería La Pampilla	Gasolina 98	11/01/2011	98.00	9.6	<17				28.50	47.00	55.50	70.50	103.50	140.50	150.50	176.00	98.50	1.00	0.50
Refinería La Pampilla	Gasolina 84	28/03/2011	83.8	7.6	828				31.5	49.5	56.0	65.0	93.0	132.5	140.5	159.0	99.0	0.9	0.1
Refinería La Pampilla	Gasolina 90	28/03/2011	90.5	8.2	1250				28.5	44.5	51.0	60.0	91.5	137.0	144.5	159.5	99.0	0.9	0.1
Refinería La Pampilla	Gasolina 95	28/03/2011	95.2	8.8	565				29.5	45.5	52.5	64.5	99.5	142.0	152.0	172.0	98.5	1.0	0.5
Refinería La Pampilla	Gasolina 98	28/03/2011	98.2	9.0	19				29.5	46.5	54.5	68.5	104.5	143.0	153.5	180.0	98.0	1.0	1.0
Refinería La Pampilla	Gasolina 84	08/06/2011	83.7	8.2	639				31.0	49.0	55.5	66.0	96.5	153.5	173.5	199.5	99.0	0.8	0.2
Refinería La Pampilla	Gasolina 90	08/06/2011	90.0	9.6	947				30.5	43.0	49.5	61.0	100.0	168.5	186.5	211.5	99.0	0.8	0.2
Refinería La Pampilla	Gasolina 95	08/06/2011	94.6	8.2	496				29.0	45.5	53.5	67.0	106.5	159.0	173.5	201.0	98.5	1.0	0.5
Refinería La Pampilla	Gasolina 98	08/06/2011	98.0	7.8	36				29.5	43.0	49.5	60.0	115.5	167.0	179.0	209.0	98.0	0.9	0.1
Refinería La Pampilla	Gasolina 84	29/09/2011	84	8.6	595				33	45.5	52	61.5	91	140	154.5	185.5	99	0.8	0.2
Refinería La Pampilla	Gasolina 90	29/09/2011	90.1	8.6	792				37	45.5	50	59	91	152	170	194	98.5	1.1	0.4
Refinería La Pampilla	Gasolina 95	29/09/2011	94.4	8.8	404				27	44	50.5	61.5	97.5	141.5	154.5	184.5	99	0.9	0.1
Refinería La Pampilla	Gasolina 84	22/11/2011	85						28.5	46	53	64	97	154	172.5	195	99	0.9	0.1
Refinería La Pampilla	Gasolina 90	22/11/2011	90.6						26	41	47.5	58.5	97.5	162.5	177.5	196.5	98.5	1.1	0.4
Refinería La Pampilla	Gasolina 95	22/11/2011	95.4						26.5	43.5	51	63	99.5	147.5	160.5	194	98.5	1	0.5
Refinería La Pampilla	Gasolina 98	22/11/2011	98.2						27	44.5	53.5	68.5	105	142	150	179.5	98	0.9	0.1
Refinería MAPLE	Gasolina 84	27/01/2011	84.2	7.8	<17	34.3			35.5	49.5	53.0	56.5	73.0	112.0	123.0	168.0	99.0	0.9	0.10
Refinería MAPLE	Gasolina 84	18/03/2011	84.6	7	<17	32.7			34.5	49.5	53.0	56.5	74.5	114.0	128.0	178.0	98.0	0.9	1.1

RESULTADOS DE LOS ENSAYOS REALIZADOS A LOS GASOHOLES Y GASOLINAS DE LAS REFINERÍAS Y PLANTAS - 2011

Refinería/ Terminal/Planta de Venta	PRODUCTO	Fecha de muestreo	Octanaje ASTM D 2699 (RON)	Presión de Vapor ASTM D 323 (psi)	Azufre ASTM D 4294 (ppm)	Contenido de Manganeseo ASTM D 3831 (mg/L)	Etanol ASTM D 5845 (% Vol)	Total Oxigenados ASTM D 5845 (% Vol)	Destilación										
									ASTM D 86 (PIE) °C	ASTM D 86 (5%) °C	ASTM D 86 (10%) °C	ASTM D 86 (20%) °C	ASTM D 86 (50%) °C	ASTM D 86 (90%) °C	ASTM D 86 (95%) °C	ASTM D 86 (PFE) °C	ASTM D 86 (RECUP) %Vol	ASTM D 86 (RESIDUO) %Vol	ASTM D 86 (PERDIDAS) %Vol
Refinería MAPLE	Gasolina 84	17/06/2011	84.4	7.8	<17				35.0	47.0	50.5	54.0	68.5	100.5	109.5	161.5	98.0	1.0	1.0
Refinería Talara	Gasolina 84	19/01/2011	84.8	7.4	245				37.0	52.0	59.0	69.5	102.0	156.5	178.0	197.5	99.0	0.9	0.10
Refinería Talara	Gasolina 95	19/01/2011	95.0	7.6	335				33.5	44.5	51.0	61.0	103.5	182.0	195.5	200.5	98.0	0.8	1.20
Refinería Talara	Gasolina 84	17/03/2011	84.8	7.6	242				32.5	51.0	58.5	70.0	104.0	163.5	184.5	202.5	98.5	1.1	0.4
Refinería Talara	Gasolina 90	17/03/2011	90.1	9.0	349				29.5	45.0	52.0	63.0	103.0	176.5	195.5	206.5	98.0	1.1	0.9
Refinería Talara	Gasolina 95	17/03/2011	95.2	9.2	530				28.5	43.0	48.0	57.5	99.5	182.0	197.5	211.5	98.5	1.1	0.4
Refinería Talara	Gasolina 84	20/06/2011	84.1	8	270				36.0	50.0	58.0	69.5	106.0	164.5	188.5	207.5	99.0	0.8	0.2
Refinería Talara	Gasolina 90	20/06/2011	90.5	7.8	385				34.0	45.5	52.0	63.0	105.0	177.5	194.5	214.5	99.0	0.8	0.2
Refinería Talara	Gasolina 95	20/06/2011	95.0	8.4	396				28.0	42.5	48.5	57.5	99.5	180.5	195.0	212.5	99.0	0.8	0.2
Refinería Talara	Gasolina 84	20/09/2011	84.7	7.4	230				30.5	51	59.5	71.5	106	162.5	186	207	98.5	1.2	0.3
Refinería Talara	Gasolina 90	20/09/2011	90.8	7.6	412				30.5	46.5	53.5	64.5	105.5	178.5	196	213	98.5	1.1	0.4
Refinería Talara	Gasolina 95	20/09/2011	95.1	6	544				38	48	53	62	104.5	188.5	204.5	215	98	0.9	1.1
Refinería Talara	Gasolina 84	10/11/2011	84.6			23.2			34.5	51	58.5	70	102	154.5	181	198.5	98	0.9	1.1
Refinería Talara	Gasolina 95	10/11/2011	95.7			16.5			29.5	43.5	49.5	60	112.5	190.5	202.5	214.5	98.5	1	0.5
Terminal Callao	Gasolina 84	24/06/2011	84.1	7	277				33.5	49.0	56.5	69.0	104.0	159.0	181.0	203.0	99.0	0.8	0.2
Terminal Callao	Gasolina 90	24/06/2011	91.4	9	76				29.0	45.5	50.5	59.0	92.0	160.0	171.0	204.5	99.0	0.8	0.2
Terminal Callao	Gasolina 90	24/06/2011	90.4	7.2	443				37.0	47.0	54.0	64.0	103.5	178.5	198.0	213.0	98.5	1.4	0.1
Terminal Callao	Gasolina 95	24/06/2011	95.0	8.6	446				28.0	42.5	48.5	58.0	101.0	182.0	195.5	211.0	98.5	1.1	0.4
Terminal Callao	Gasolina 97	24/06/2011	97.3	7.6	166				28.5	44.0	52.0	65.0	115.0	172.5	186.5	219.5	98.0	1.0	1.0
Terminal Callao	Gasolina 97	24/06/2011	97.4	8.6	29				36.0	46.5	52.0	60.5	95.0	158.5	174.5	206.0	99.0	0.8	0.2
Terminal Callao	Gasolina 84	10/01/2011	84.30	7.2	256				31.50	50.50	58.50	70.00	104.00	157.50	176.50	201.50	99.00	0.70	0.30
Terminal Callao	Gasolina 90	10/01/2011	90.40	8	402				33.50	47.50	53.50	64.00	102.50	171.50	188.00	205.50	99.00	0.90	0.10
Terminal Callao	Gasolina 95	10/01/2011	95.10	8.8	490				33.00	46.00	50.00	58.50	80.00	178.00	193.00	210.50	99.00	0.80	0.20
Terminal Callao	Gasolina 97	10/01/2011	97.00	7.6	101				31.00	48.00	55.00	66.50	110.50	170.00	180.00	205.00	99.00	0.90	0.10
Terminal Callao	Gasolina 84	14/03/2011	84.4	7.6	206				32.0	50.0	58.0	69.5	105.0	163.5	183.0	200.0	98.0	1.0	1.0
Terminal Callao	Gasolina 90	14/03/2011	90.0	7	306				31.0	47.5	54.0	64.0	102.0	169.0	184.5	202.5	99.0	0.9	0.1
Terminal Callao	Gasolina 95	14/03/2011	94.6	8.6	430				30	45	50	59	99	178	190.5	209	99	0.9	0.1
Terminal Callao	Gasolina 97	14/03/2011	96.6	7.8	44				31.0	48.5	55.5	67.0	111.5	169.5	180.0	205.5	99.0	0.9	0.1
Terminal Callao	Gasolina 84	12/09/2011	84.9	7	232				30.5	51	59.5	72.5	107	160.5	181	205.5	98.5	1.1	0.4
Terminal Callao	Gasolina 90	12/09/2011	90.3	8.3	378				34.5	51	55.5	67	105	170.5	187.5	209.5	99	0.9	0.1
Terminal Callao	Gasolina 95	12/09/2011	95	7.1	664				32	42.5	49	60	105.5	190.5	208.5	217	98	1.1	0.9
Terminal Callao	Gasolina 97	12/09/2011	97.6	9.2	140				27.5	41	47	56.5	111	171	188.5	218	98.5	1.1	0.4
Terminal Callao	Gasohol 84P	12/09/2011	88.8	8.6			7.2	<7.8	33	50	54.5	60	103	155	173	204.5	98	1	0.5
Terminal Callao	Gasohol 90P	12/09/2011	93	9			7.6	<8.2	37.5	48	52	57.5	100.5	175	194	206.5	98	1.4	0.6
Terminal Callao	Gasolina 97	10/01/2011	97.4	8	28				39.0	50.0	54.5	62.0	93.5	158.0	168.5	201.5	99.0	0.8	0.2
Terminal Callao	Gasolina 90	10/01/2011	92.00	7.4	71				32.00	47.00	52.00	59.50	91.00	170.00	184.50	217.00	99.00	0.90	0.10
Terminal Callao	Gasolina 90	14/03/2011	91.4	6.4	26				32.5	48.5	53.0	60.5	92.0	167.0	180.5	213.0	99.0	0.9	0.1
Terminal Callao	Gasolina 97	14/03/2011	97.3	8	<17				32.0	48.0	53.0	61.0	92.5	159.0	170.0	209.0	99.0	0.9	0.1
Terminal Callao	Gasolina 90	12/09/2011	91.4	7.3	35				29.5	45	51	59.5	92	163.5	179.5	216	99	0.9	0.1
Terminal Callao	Gasolina 97	12/09/2011	97.5	7	24				28	45	51.5	62	106.5	164.5	179	209	98.5	1	0.5
Terminal Callao	Gasohol 90P	12/09/2011	94	9			7.8	<9.7	31	43.5	48.5	54	80.5	168	194	210.5	98.5	1.3	0.2
Terminal Callao	Gasolina 90	26/11/2011	91.4						37	46.5	51.5	58.5	86.5	164	187	217.5	99	0.8	0.2
Terminal Callao	Gasolina 97	26/11/2011	97.7						30.5	45.5	52	61.5	100	161.5	176.5	212.5	98.5	1	0.5
Terminal Callao	Gasohol 90P	26/11/2011	94.2	9.95			7.6	<10.4	38	46	49	53	76.5	166.5	179.5	217.5	99	0.9	0.1

RESULTADOS DE LOS ENSAYOS REALIZADOS A LOS GASOHOLES Y GASOLINAS DE LAS REFINERÍAS Y PLANTAS - 2011

Refinería/ Terminal/Planta de Venta	PRODUCTO	Fecha de muestreo	Octanaje ASTM D 2699 (RON)	Presión de Vapor ASTM D 323 (psi)	Azufre ASTM D 4294 (ppm)	Contenido de Manganeso ASTM D 3831 (mg/L)	Etanol ASTM D 5845 (% Vol)	Total Oxigenados ASTM D 5845 (% Vol)	Destilación										
									ASTM D 86 (PIE) °C	ASTM D 86 (5%) °C	ASTM D 86 (10%) °C	ASTM D 86 (20%) °C	ASTM D 86 (50%) °C	ASTM D 86 (90%) °C	ASTM D 86 (95%) °C	ASTM D 86 (PFE) °C	ASTM D 86 (RECUP) %Vol	ASTM D 86 (RESIDUO) %Vol	ASTM D 86 (PERDIDAS) %Vol
Terminal Callao	Gasohol 97P	26/11/2011	98.8	9.35			7.2	<15.8	32.5	45	49.5	55.5	87.5	161	174	207	98	0.9	1.1
Terminal Callao	Gasohol 84P	26/11/2011	88.3	8.8			7.6	<8.2	35	48	53	59	98.5	152.5	175.5	200.5	97.5	1	1.5
Terminal Callao	Gasohol 90P	26/11/2011	93.4	8.6			8	<8.6	33	46.5	51	56.5	97	171	191.5	209	98.5	1.1	0.4
Terminal Callao	Gasohol 95P	26/11/2011	96.8	9.6			8	<8.6	33	45.5	50	56.5	107	191	203	217.5	98.5	1.1	0.4
Terminal Chimbote	Gasolina 84	13/01/2011	84.1	7	558				31.5	50.5	57.5	68.5	101.5	155.5	173.0	205.5	99.0	0.80	0.20
Terminal Chimbote	Gasohol 84P	13/01/2011	88.3	8.6			7.6	<8.20	38.5	49.0	53.5	58.5	97.0	152.5	172.0	193.0	99.0	0.9	0.10
Terminal Chimbote	Gasolina 84	14/03/2011	84.0	7.8	523				32.5	56.5	63.5	73.5	104.0	161.5	196.0	198.0	98.0	1.0	1.0
Terminal Chimbote	Gasohol 84P	14/03/2011	88.9	8.80			8.0	< 8.6	33.5	48.5	53.0	58.5	98.5	158.0	176.0	198.5	99.0	0.9	0.1
Terminal Chimbote	Gasohol 84P	14/06/2011	88.7	8.6			8.0	<8.7	31.5	49.0	53.5	59.0	99.0	154.0	174.0	206.5	99.0	0.8	0.2
Terminal Chimbote	Gasolina 84	14/06/2011	84.1	7.8	371				30.5	50.5	58.0	69.0	101.5	152.0	169.5	198.0	99.0	0.8	0.2
Terminal Chimbote	Gasolina 84	27/09/2011	84.4	7.8	507				30	47.5	55	67	100	154.5	173.5	201	98	0.9	0.1
Terminal Chimbote	Gasohol 84P	27/09/2011	88.6	8.8			7.9	<8.5	33	46.5	51.5	57.5	95	151.5	172	197.5	98	0.9	0.1
Terminal Cusco	Gasolina 84	17/01/2011	84.3	8.2	429				31.0	49.5	56.5	67.5	99.0	148.5	164.5	194.0	99.0	0.90	0.10
Terminal Cusco	Gasolina 84	21/03/2011	84.3	8.0	581				31.5	50.0	57.0	67.0	98.0	143.5	157.5	186.0	99.0	0.9	0.1
Terminal Cusco	Gasolina 84	28/06/2011	84.7	7.2	488				29.0	49.0	56.5	68.0	101.0	158.5	179.0	205.5	99.0	0.9	0.1
Terminal Cusco	Gasolina 84	28/09/2011	84.7	8	449				31	47.5	55.5	66.5	99	152	171	198	98.5	1	0.5
Terminal Cusco	Gasolina 84	24/11/2011	85						33	47	54.5	66	99.5	153.5	173.5	201	98	1.5	0.5
Terminal Eten	Gasolina 84	17/01/2011	84.6	8.2	412				33.5	49.0	56.5	68.0	100.5	151.5	169.0	192.5	98.5	1.20	0.30
Terminal Eten	Gasolina 90	17/01/2011	90.0	8	605				29.0	45.0	51.0	62.0	98.5	160.0	176.5	199.5	99.0	0.8	0.20
Terminal Eten	Gasohol 84P	17/01/2011	87.9	8.2			7.8	<8.4	35.5	48.0	52.5	59.5	101.0	165.5	193.0	198.0	99.0	0.80	0.20
Terminal Eten	Gasohol 90P	17/01/2011	92.6	8			7.1	<7.7	31.5	46.0	50.0	55.5	94.5	168.0	184.0	207.5	99.0	0.9	0.10
Terminal Eten	Gasolina 84	19/03/2011	84.7	8.0	711				33.0	50.0	56.5	66.5	96.0	140.5	156.5	175.5	98.0	1.0	1.0
Terminal Eten	Gasolina 90	19/03/2011	90.4	9.2	892				28.5	45.0	51.0	60.5	93.0	143.0	156.0	179.0	99.0	1.0	0.0
Terminal Eten	Gasohol 84P	19/03/2011	88.4	8.60			7.8	< 8.4	35.0	48.5	52.5	57.5	89.0	136.0	146.5	175.0	99.0	0.9	0.1
Terminal Eten	Gasohol 90P	19/03/2011	92.9	9.80			7.8	< 8.7	31.0	44.5	48.5	54.5	84.0	141.5	153.5	176.5	99.0	0.9	0.1
Terminal Eten	Gasolina 84	16/06/2011	84.4	9	549				29.0	47.0	53.5	63.5	96.5	157.0	174.5	202.0	99.0	0.9	0.1
Terminal Eten	Gasolina 90	16/06/2011	90.6	9	741				34.0	45.5	51.0	61.0	99.0	167.0	184.5	207.0	99.0	0.8	0.2
Terminal Eten	Gasohol 84P	16/06/2011	87.8	8.6			7.9	<8.5	33.5	45.0	49.5	55.5	91.0	160.0	178.5	199.5	98.0	1.0	1.0
Terminal Eten	Gasohol 90P	16/06/2011	93.1	9.6			7.6	<8.3	35.0	45.0	49.0	55.0	92.0	167.5	187.5	206.0	98.0	1.0	1.0
Terminal Eten	Gasolina 84	21/09/2011	84.8	7.8	559				31	48	55	65.5	97	150	166	193.5	98.5	1.2	0.3
Terminal Eten	Gasolina 90	21/09/2011	90.6	8.8	795				28.5	43	50	61	100	167.5	184.5	204	98	1.3	0.7
Terminal Eten	Gasohol 84P	21/09/2011	88.2	7			7.3	<7.9	32.5	47.5	51.5	57	93.5	148	164.5	193	99	0.9	0.1
Terminal Eten	Gasohol 90P	21/09/2011	93	8.6			7.7	<8.4	31	43.5	48.5	55	93	165.5	184	202	98	1.1	0.9
Terminal Eten	Gasohol 84P	11/11/2011	89.2	8.6			8	<8.7	33	47	51.5	57.5	93.5	151.5	171.5	197.5	98	0.9	0.1
Terminal Eten	Gasohol 90P	11/11/2011	93.3	9.15			7.9	<8.5	30.5	43	47.5	53.5	86	157	177.5	198.5	98	1.1	0.9
Terminal Ilo	Gasolina 95	19/01/2011	95.0	8	490				28.5	44.5	51.0	61.0	99.5	165.5	180.5	204.5	99.0	0.90	0.10
Terminal Ilo	Gasolina 95	23/03/2011	95.3	8.6	483				28.5	45.0	52.0	61.5	98.0	158.0	175.5	202.5	99.0	1.0	0.0
Terminal Ilo	Gasolina 95	27/06/2011	95.2	8.6	407				31.5	43.0	48.5	60.5	100.0	163.0	178.5	202.0	98.0	1.1	0.9
Terminal Ilo	Gasolina 95	26/09/2011	95.1	9.2	413				34	45	50	60	101.5	179.5	198	210	98.5	1.3	0.2
Terminal Ilo	Gasolina 95	22/11/2011	95.6						28.5	45.5	52.5	64.5	106.5	168.5	187	212.5	99	0.9	0.1
Terminal Juliaca	Gasolina 84	17/01/2011	84.2	6.8	402				30.5	50.0	57.0	68.0	99.5	148.0	163.5	194.0	99.0	0.90	0.10
Terminal Juliaca	Gasolina 84	21/03/2011	84.4	8.2	497				30.5	49.5	57.0	67.5	99.5	143.5	163.0	190.0	99.0	0.8	0.2
Terminal Juliaca	Gasolina 84	28/06/2011	84.4	8.2	396				34.0	49.0	56.0	67.5	99.5	150.5	176.0	198.5	98.5	1.4	0.1
Terminal Juliaca	Gasolina 84	28/09/2011	85	7.8	378				33.5	48.5	56	68	102	157	178	199	99	0.8	0.2

RESULTADOS DE LOS ENSAYOS REALIZADOS A LOS GASOHOLES Y GASOLINAS DE LAS REFINERÍAS Y PLANTAS - 2011

Refinería/ Terminal/Planta de Venta	PRODUCTO	Fecha de muestreo	Octanaje ASTM D 2699 (RON)	Presión de Vapor ASTM D 323 (psi)	Azufre ASTM D 4294 (ppm)	Contenido de Manganeseo ASTM D 3831 (mg/L)	Etanol ASTM D 5845 (% Vol)	Total Oxigenados ASTM D 5845 (% Vol)	Destilación										
									ASTM D 86 (PIE) °C	ASTM D 86 (5%) °C	ASTM D 86 (10%) °C	ASTM D 86 (20%) °C	ASTM D 86 (50%) °C	ASTM D 86 (90%) °C	ASTM D 86 (95%) °C	ASTM D 86 (PFE) °C	ASTM D 86 (RECUP) %Vol	ASTM D 86 (RESIDUO) %Vol	ASTM D 86 (PERDIDAS) %Vol
Terminal Juliaca	Gasolina 84	23/11/2011	84.9						32	48	56	67.5	100.5	154.5	175.5	203	98	1.5	0.5
Terminal Mollendo	Gasolina 84	18/01/2011	84.0	7.6	430				31.0	49.5	56.5	67.0	98.0	145.5	158.5	190.0	99.0	0.90	0.10
Terminal Mollendo	Gasolina 90	18/01/2011	90.6	9.4	745				28.0	44.5	50.5	61.5	97.0	150.0	162.5	179.5	98.5	1.00	0.50
Terminal Mollendo	Gasolina 84	22/03/2011	83.8	7.0	582				29.5	49.0	56.5	66.5	97.5	144.0	160.0	194.5	99.0	1.0	0.0
Terminal Mollendo	Gasolina 90	22/03/2011	90.3	8.2	682				29.0	45.0	51.5	60.5	95.5	156.5	173.5	201.0	99.5	0.5	0.0
Terminal Mollendo	Gasolina 84	27/06/2011	84.7	8.8	484				30.5	48.5	56.0	68.0	102.0	163.0	186.5	207.0	98.5	1.1	0.4
Terminal Mollendo	Gasolina 90	27/06/2011	90.4	8	618				28.5	45.0	51.5	62.5	104.0	176.5	194.0	214.5	99.0	0.9	0.1
Terminal Mollendo	Gasolina 84	27/09/2011	84.8	7.4	441				31	46.5	54	65	97	146	165.5	194.5	98.5	1.2	0.3
Terminal Mollendo	Gasolina 90	27/09/2011	90.4	9.2	612				29	44	49.5	58	89.5	144	162	194	98.5	1	0.5
Terminal Mollendo	Gasolina 84	22/11/2011	84.8						31.5	49	56.5	67.5	99	149.5	169.5	197.5	98.5	1	0.5
Terminal Mollendo	Gasolina 90	22/11/2011	90.6						37	48.5	54	63.5	98	164	184	205.5	99	0.8	0.2
Terminal Mollendo	Gasohol 84P	17/12/2011	89.4	8.95			7.8	<8.4	34.5	49.5	53.5	59.5	99.5	155.5	189.5	201	98.5	1.1	0.4
Terminal Mollendo	Gasohol 90P	17/12/2011	93.2	9.6			7.6	<8.2	32.5	46	50	56	95	164.5	186.5	202	98.5	1.1	0.4
Terminal Pisco	Gasolina 84	14/01/2011	84.4	8.2	468				33.0	50.5	57.5	68.5	100.5	156.5	179.0	198.00	98.00	1.4	0.6
Terminal Pisco	Gasolina 90	14/01/2011	90.9	8.4	642				31.0	45.5	52.0	62.5	98.5	158.5	182.5	197.00	98.00	1.3	0.7
Terminal Pisco	Gasolina 95	14/01/2011	95.3	8	542				30.0	45.0	51.0	61.0	102.0	176.0	191.0	211.5	99.0	0.90	0.10
Terminal Pisco	Gasolina 84	26/03/2011	84.0	7.8	735				31.0	49.5	56.5	66.5	96.5	140.0	151.0	179.5	99.5	0.5	0.0
Terminal Pisco	Gasolina 90	26/03/2011	90.3	9.4	767				29.0	45.5	51.0	60.5	91.0	137.5	148.5	173.5	99.5	0.8	0.0
Terminal Pisco	Gasolina 95	26/03/2011	95.4	9.0	535				28.0	44.5	51.0	61.0	99.5	166.5	182.5	206.0	99.0	1.0	0.0
Terminal Pisco	Gasolina 84	22/06/2011	84.6	8	324				31.0	49.0	57.0	68.5	102.5	157.0	183.0	204.5	98.5	1.1	0.4
Terminal Pisco	Gasolina 90	22/06/2011	90.4	8.6	415				28.5	45.5	52.0	63.0	103.5	176.5	195.5	212.0	99.0	0.8	0.2
Terminal Pisco	Gasolina 95	22/06/2011	95.6	8.4	356				30.5	46.0	52.0	62.5	102.0	165.0	179.0	206.5	99.0	0.8	0.2
Terminal Pisco	Gasolina 84	23/09/2011	84.8	6.6	422				29.5	48	55	66	99	154	172	197.5	98.5	1	0.5
Terminal Pisco	Gasolina 90	23/09/2011	90.8	7.6	453				28	45	51	60	94	157	175	204	99	0.8	0.2
Terminal Pisco	Gasolina 95	23/09/2011	95.2	8.4	455				29	43.5	50.5	61.5	103	173	189	211.5	98	1.2	0.8
Terminal Pisco	Gasolina 84	25/11/2011	84.9						30	48.5	55.5	66	97.5	148	166	195.5	99	0.8	0.2
Terminal Pisco	Gasolina 90	25/11/2011	90.8						34	41.5	49	58.5	94	160	179	199.5	98.5	1.3	0.2
Terminal Pisco	Gasolina 95	25/11/2011	95.5						36	43	49.5	60	100.5	169.5	191	206	99	0.8	0.2
Terminal Pisco	Gasohol 90P	06/12/2011	93.2	10.35			8	<8.6	30.5	44.5	48.5	54.5	88	158	177	199	98.5	1	0.5
Terminal Pisco	Gasohol 95P	06/12/2011	96.9	9.35			7.8	<8.4	31	44.5	49.5	56	99	179	193.5	212.5	99	0.8	0.2
Terminal Salaverry	Gasohol 84P	14/01/2011	88.8	8.8			8.0	<8.6	33.0	49.0	53.0	58.5	96.0	150.0	166.5	199.0	99.0	0.9	0.10
Terminal Salaverry	Gasohol 90P	14/01/2011	92.70	9			7.90	<8.5	32.0	46.5	50.5	55.5	92.5	162.0	180.5	207.5	99.0	0.8	0.2
Terminal Salaverry	Gasohol 95P	14/01/2011	96.30	8.2			7.90	<8.5	33.50	43.50	47.50	53.00	85.50	177.00	191.00	209.00	99.00	0.90	0.10
Terminal Salaverry	Gasolina 84	15/03/2011	84.4	7.6	443				32.5	51.0	58.0	68.5	100.0	149.5	168.0	191.0	98.5	1.0	0.5
Terminal Salaverry	Gasolina 90	15/03/2011	90.3	8.6	670				31.0	47.0	53.0	62.5	96.0	151.5	170.0	189.0	98.0	1.0	1.0
Terminal Salaverry	Gasolina 95	15/03/2011	95.6	9.0	497				28.0	45.5	52.0	62.0	98.5	157.5	171.5	201.5	99.5	0.5	0.0
Terminal Salaverry	Gasohol 84P	15/03/2011	89.3	8.20			7.8	< 8.4	33.5	49.0	53.0	58.5	95.0	145.5	161.5	190.5	99.0	0.9	0.1
Terminal Salaverry	Gasohol 90P	15/03/2011	93.0	8.60			7.8	< 8.4	30.5	45.5	49.5	55.0	88.0	149.0	164.5	192.0	99.0	0.9	0.1
Terminal Salaverry	Gasolina 84	15/06/2011	84.8	7.8	357				30.0	50.5	58.0	68.5	101.0	150.5	166.5	198.0	99.0	0.8	0.2
Terminal Salaverry	Gasolina 90	15/06/2011	90.6	8.8	601				28.5	45.5	52.0	62.0	99.0	164.0	180.0	205.0	99.0	0.8	0.2
Terminal Salaverry	Gasolina 95	15/06/2011	95.0	9.2	399				27.0	44.0	50.5	61.0	99.5	165.0	179.0	206.5	99.0	0.8	0.2
Terminal Salaverry	Gasohol 84P	15/06/2011	89.2	8.6			7.9	<8.5	33.5	49.0	53.5	58.5	97.0	151.0	170.5	195.0	98.5	1.0	0.5
Terminal Salaverry	Gasohol 90P	15/06/2011	93.2	9.6			7.9	<8.5	36.0	46.5	50.0	55.5	91.0	164.0	180.0	205.0	99.0	0.8	0.2
Terminal Salaverry	Gasohol 95P	15/06/2011	96.8	9.2			7.7	<8.3	30.5	43.5	48.0	54.5	90.0	163.5	181.0	204.0	99.0	0.8	0.2

RESULTADOS DE LOS ENSAYOS REALIZADOS A LOS GASOHOLES Y GASOLINAS DE LAS REFINERÍAS Y PLANTAS - 2011

Refinería/ Terminal/Planta de Venta	PRODUCTO	Fecha de muestreo	Octanaje ASTM D 2699 (RON)	Presión de Vapor ASTM D 323 (psi)	Azufre ASTM D 4294 (ppm)	Contenido de Manganeseo ASTM D 3831 (mg/L)	Etanol ASTM D 5845 (% Vol)	Total Oxigenados ASTM D 5845 (% Vol)	Destilación										
									ASTM D 86 (PIE) °C	ASTM D 86 (5%) °C	ASTM D 86 (10%) °C	ASTM D 86 (20%) °C	ASTM D 86 (50%) °C	ASTM D 86 (90%) °C	ASTM D 86 (95%) °C	ASTM D 86 (PFE) °C	ASTM D 86 (RECUP) %Vol	ASTM D 86 (RESIDUO) %Vol	ASTM D 86 (PERDIDAS) %Vol
Terminal Salaverry	Gasolina 84	26/09/2011	84.9	7.8	470				30	46.5	55	67	101	155	176.5	200.5	98	0.9	0.1
Terminal Salaverry	Gasolina 90	26/09/2011	90.4	8.8	601				30	45.5	52	63	102	171.5	190.5	210	98.5	1	0.5
Terminal Salaverry	Gasolina 95	29/09/2011	95	8.4	502				28	45	51.5	62	103	169.5	185	209.5	98.5	1.1	0.4
Terminal Salaverry	Gasohol 84P	26/09/2011	88.8	9.4			8.2	<8.8	33	48	52.5	58	96	153.5	174.5	200	98.5	1	0.5
Terminal Salaverry	Gasohol 90P	26/09/2011	93	9.2			7.8	<8.4	40	47	50	56	95	174.5	192	208	98.5	1.4	0.1
Terminal Salaverry	Gasohol 84P	12/11/2011	89.1	8.95		14.9	7.4	<8.1	37.5	47	51.5	58	96.5	150.5	175.5	198	99	0.7	0.3
Terminal Salaverry	Gasohol 90P	12/11/2011	93.2	9.15		5.4	7.2	<7.9	29.5	44	48.5	55	96	168.5	185	204.5	98.5	1.1	0.4
Terminal Salaverry	Gasohol 95P	12/11/2011	97.3	8.35		5.7	7.2	<7.8	34	44	49	56	96.5	168	188	205	98.5	1	0.5
Terminal Salaverry	Gasolina 95	14/01/2011	95.0	8	614				33.0	43.5	49.5	58.0	99.0	177.5	194.0	211.5	99.0	0.90	0.10
Terminal Salaverry	Gasolina 90	14/01/2011	90.50	7.8	534				29.50	46.00	52.50	62.50	100.00	166.50	180.50	204.00	99.00	0.90	0.10
Terminal Salaverry	Gasolina 84	14/01/2011	84.40	8	351				38.00	51.50	57.50	69.00	100.50	154.50	173.50	200.00	99.00	0.80	0.20
Terminal Supe	Gasolina 90	12/01/2011	90.6	7.2	477				29.0	45.5	52.0	62.5	100.0	165.0	180.5	206.5	99.0	0.80	0.20
Terminal Supe	Gasolina 84	12/01/2011	84.5	7.4	600				36.0	51.0	57.5	68.5	101.5	154.0	173.5	199.5	99.0	0.90	0.10
Terminal Supe	Gasohol 84P	12/01/2011	88.7	8.6			7.90	<8.5	33.00	48.50	53.00	58.50	96.50	150.00	167.50	197.50	99.00	0.90	0.10
Terminal Supe	Gasohol 90P	12/01/2011	93.0	8.2			7.8	<8.4	31.0	45.5	50.0	55.5	92.0	163.0	178.5	201.5	99.0	0.90	0.10
Terminal Supe	Gasolina 84	23/03/2011	85.0	8.2	450				31.5	50.0	57.5	68.0	100.0	152.0	171.0	193.5	98.0	1.0	1.0
Terminal Supe	Gasolina 90	23/03/2011	90.4	8.4	699				29.5	46.0	52.0	62.0	95.5	150.5	169.5	191.5	98.5	1.0	0.5
Terminal Supe	Gasohol 84P	13/06/2011	89.3	8.2			7.7	<8.3	31.0	48.0	53.0	58.5	97.5	154.0	174.0	206.0	99.0	0.8	0.2
Terminal Supe	Gasohol 90P	13/06/2011	93.4	9.4			7.8	<8.4	35.0	46.5	50.0	56.0	94.5	170.5	189.5	210.5	99.0	0.8	0.2
Terminal Supe	Gasolina 84	13/06/2011	84.7	7.2	359				31.0	48.0	55.5	67.0	100.0	153.5	173.0	200.5	98.5	1.0	1.0
Terminal Supe	Gasolina 90	13/06/2011	90.9	9.4	574				28.0	44.5	51.0	61.5	100.5	169.0	186.5	205.5	98.5	1.1	0.4
Terminal Supe	Gasolina 84	27/09/2011	84.8	7.8	376				30.5	47	55.5	67.5	100.5	154.5	176.5	202	98	0.9	0.1
Terminal Supe	Gasolina 90	27/09/2011	90.3	8.4	684				27	44	50.5	60	96.5	159.5	180.5	204	99	0.9	0.1
Terminal Supe	Gasohol 84P	15/11/2011	89.6	8.35			7.9	<8.5	32.5	47	52	57.5	95.5	153	175	204.5	98	0.9	0.1
Terminal Supe	Gasohol 90P	15/11/2011	94	8.55			9.3	<9.9	31.5	45.5	50	55.5	87	163.5	184.5	206	98	1.1	0.9