

# Inspectorate Española, S.A.

(Unipersonal)

Laboratorio de análisis - Huelva

Póligono Industrial Nuevo Puerto S/N,

Palos de la Frontera (HUELVA)

Tel. : 959 369 335 E-Mail : huelva.lab@inspectorate.es

C.I.F. : A 28633600



INSPECTORATE

## ANALYTICAL REPORT

Job No: 16489-1  
o/Ref: ESOFEJ18000923  
Y/Ref:

Date of reception: 14/03/2018  
Date Analysis started: 14/03/2018  
Date Analysis completed: 14/03/2018

Grade: GASOIL  
Origin: Terminales Canarias Tenerife  
Label: Terminales Canarias Tenerife  
Id: LEON DIAS  
SHORE TANK 101 - T0218101

Sample Package: 1x1L can  
Sampling date: 08/03/2018  
Seal N°: #56151

Test	Units	Method	Results	Specifications <sup>1</sup>	U=R/v2	Notes*
Density at 15°C	Kg/m <sup>3</sup>	ASTM D-4052-16	833,5	820-845	±0,4	
Sulphur*	mg/Kg	EN-ISO-20846:2011	9,6	10,0 max		
Distillation*						
65% recovered	°C	ASTM D-86-16a	301	250 min		
85% recovered	°C	ASTM D-86-16a	333	350 max		
95% recovered	°C	ASTM D-86-16a	359	360 max		
Kinematic Viscosity at 40°C**	mm <sup>2</sup> /s	ASTM D-445-15	2,738	2,00-4,50		
Flash Point*	°C	ASTM D-93 A-16	57,0	55,0 min		
Water content*	mg/Kg	EN ISO 12937:2001	80	200 max		
Copper corrosion, 3h 50°C*	Class 1	ASTM D-130-12	1a	class 1		
Electrical conductivity*	pS/m	ASTM D-2624-09	72	-		
Temperature*	°C		20			
Fame Content*	%vol	EN 14078:2010	5,3	7,0 max		
C.F.P.P	°C	EN 116:2015	-15	-10 max	±3	

The test results shown on this report affect only to the samples received in this laboratory, and not necessarily to the whole from which these samples were drawn.

Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (Except for RFG), IP 367 and appendix E of IP standard methods for analysis and testing in respect to the utilization of test data to determine conformance with the specifications.

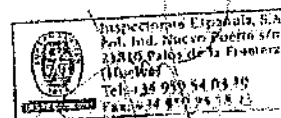
The samples will be kept for a period of three months.

<sup>1</sup> Specifications: GASOLEO AUTOMOCION SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15

Tests marked with (\*) are not included in the scope of the accreditation. Estimated uncertainties for each method are available upon request.



Date of Report: 14/03/2018  
Name/s: José Manuel Pérez  
Signature/s:



Laboratory Manager

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C.I.F. : A 28633600



INSPECTORA

## ANALYTICAL REPORT

Job No: 16313-1  
o/Ref: ESOENJ18000467  
Y/Ref:

Date of reception: 12/02/2018  
Date Analysis started: 12/02/2018  
Date Analysis completed: 12/02/2018

Grade: GASOIL  
Origin: Terminales Canarias Tenerife  
Label: Terminales Canarias Tenerife  
Id: VALTELLINA  
SHORE TANK 102 AFTER DISCHARGE - T0218102

Sample Package: 1x1L can  
Sampling date: 07/02/2018  
Seal N°: #56113

Test	Units	Method	Results	Specifications <sup>1</sup>	U=R/v2	Notes*
Density at 15°C	Kg/m <sup>3</sup>	ASTM D-4052-16	835,8	820-845	±0,4	
Sulphur*	mg/Kg	EN-ISO-20846:2011	7,0	10,0 max		
Distillation*						
65% recovered	°C	ASTM D-86-16a	293	250 min		
85% recovered	°C	ASTM D-86-16a	326	350 max		
95% recovered	°C	ASTM D-86-16a	350	360 max		
Kinematic Viscosity at 40°C*	mm <sup>2</sup> /s	ASTM D-445-15	2,521	2,00-4,50		
Flash Point*	°C	ASTM D-93 A-16	58,0	55,0 min		
Water content*	mg/Kg	EN ISO 12937:2001	80	200 max		
Copper corrosion, 3h 50°C*	Class 1	ASTM D-130-12	1a	class 1		
Electrical conductivity*	pS/m	ASTM D-2624-09	124	-		
Temperature*	°C		22			
Fame Content*	%vol	EN 14078:2010	6,8	7,0 max		
C.F.P.F	°C	EN 116:2015	-17	-10 max	±3	

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The samples will be kept for a period of three months.

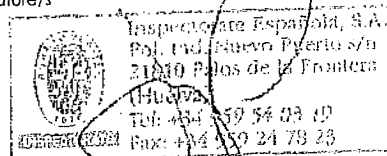
<sup>1</sup> Specifications: GASOLEO AUTOMOCION SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15

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**ENSAIOS**  
N° 1053 / LE2348

Date of Report: 12/02/2018  
Name/s: José Manuel Pérez  
Signature/s:



Laboratory Manager

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C.I.F. : A 28633600



INSPECTORATE

## ANALYTICAL REPORT

Job No: 16489-2  
o/Ref : ESOFEJ18000923  
V/Ref :

Date of reception: 14/03/2018  
Date Analysis started: 14/03/2018  
Date Analysis completed: 14/03/2018

Grade: GASOIL  
Origin: Terminales Canarias Tenerife  
Label: Terminales Canarias Tenerife  
Id: LEON DIAS  
SHORE TANK 102 - T0318102

Sample Package: 1x1L can  
Sampling date: 08/03/2018  
Seal N°: #56251

Test	Units	Method	Results	Specifications <sup>1</sup>	U=R/√2	Notes*
Density at 15°C	Kg/m <sup>3</sup>	ASTM D-4052-16	834,1	820-845	±0,4	
Sulphur*	mg/Kg	EN-ISO-20846:2011	8,9	10,0 max		
Distillation*						
65% recovered	°C	ASTM D-86-16a	298	250 min		
85%recovered	°C	ASTM D-86-16a	331	350 max		
95% recovered	°C	ASTM D-86-16a	357	360 max		
Kinematic Viscosity at 40°C*	mm2/s	ASTM D-445-15	2,674	2,00-4,50		
Flash Point*	°C	ASTM D-93 A-16	57,0	55,0 min		
Water content*	mg/Kg	EN ISO 12937:2001	90	200 max		
Copper corrosion, 3h 50°C*	Class 1	ASTM D-130-12	1a	class 1		
Electrical conductivity*	pS/m	ASTM D-2624-09	80			
Temperature*	°C		20			
Fame Content*	%vol	EN 14078:2010	5,7	7,0 max		
C.F.P.P	°C	EN 116:2015	-14	-10 max	±3	

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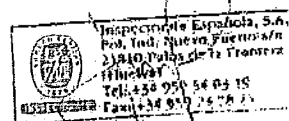
The samples will be kept for a period of three months.

<sup>1</sup> Specifications: GASOLEO AUTOMOCION SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15

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Date of Report 14/03/2018  
Name/s José Manuel Pérez  
Signature/s



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 C.I.F. : A 28633600



INSPECTORATE

## ANALYTICAL REPORT

Job No: 16574-2

Date of reception: 28/03/2018

o/Ref: ESOMRJ18001441

Date Analysis started: 28/03/2018

Y/Ref:

Date Analysis completed: 02/04/2018

Grade: GASOIL

Sample Package: 1x1L can

Origin: Terminales Canarias Tenerife

Sampling date: 23/03/2018

Label: Terminales Canarias Tenerife

Seal N°: #56279

Id: VALLE DI SIMIGLIA

SHORE TANK 102 AFTER DISCHARGE - T0418102

Test	Units	Method	Results	Specifications <sup>1</sup>	U=R/v2	Notes <sup>2</sup>
Density at 15°C	Kg/m <sup>3</sup>	ASTM D-4052-16	832,6	820-845	±0,4	
Sulphur*	mg/Kg	EN-ISO-20846:2011	8,4	10,0 max		
Distillation*						
65% recovered	°C	ASTM D-86-16a	289	250 min		
85% recovered	°C	ASTM D-86-16a	321	350 max		
95% recovered	°C	ASTM D-86-16a	350	360 max		
Kinematic Viscosity at 40°C*	mm <sup>2</sup> /s	ASTM D-445-15	2,407	2,00-4,50		
Flash Point*	°C	ASTM D-93 A-16	60,0	55,0 min		
Water content*	mg/Kg	EN ISO 12937:2001	80	200 max		
Copper corrosion, 3h 50°C*	Class 1	ASTM D-130-12	1a	class 1		
Electrical conductivity*	pS/m	ASTM D-2624-09	39	-		
Temperature*	°C		21			
Fame Content*	%vol	EN 14078:2010	6,4	7,0 max		
C.F.P.P	°C	EN 116:2015	-16	0 max	±3	

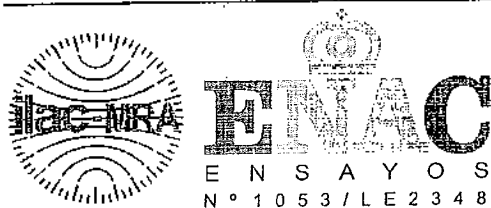
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Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (Except for RFG), IP 367 and appendix E of IP standard methods for analysis and testing in respect to the utilization of test data to determine conformance with the specifications.

The samples will be kept for a period of three months.

<sup>1</sup> Specifications: GASOLEO AUTOMOCION SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15

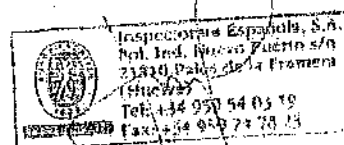
Tests marked with (\*) are not included in the scope of the accreditation. Estimated uncertainties for each method are available upon request.



Date of Report 03/04/2018

Name/s José Manuel Pérez

Signature/s



# Inspectorate Española, S.A.

(Unipersonal)

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Polígono Industrial Nueva Puerta S/N.

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C.I.F. : A 26633400



**INSPECTORATE**

## ANALYTICAL REPORT

Job No: 16313-2  
o/Ref : ESOENJ18000467  
Y/Ref :

Date of reception: 11/01/2018  
Date Analysis started: 11/01/2018  
Date Analysis completed: 13/01/2018

Grade: Gasoline 95  
Origin: Terminales Canarias Tenerife  
Label: Terminales Canarias Tenerife  
Id: VALTELLINA  
SHORE TANK 211 AFTER DISCHARGE - T0218211

Sample Package: 1x1L can  
Sampling date: 05/02/2018  
Seal N°: # 56099

Test	Units	Method	Results	Specifications <sup>1</sup>	U=R/v2	Notes*
Density at 15 °C	Kg/m <sup>3</sup>	ASTM D-4052-2016	726,2	720-775	±1,9	
DVPE*	KPa	EN ISO 13016-1:2008	68,1	50-80		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-2016a	38,1	22-56		
Evap at 100°C	%vol	ASTM D-86-2016a	65,5	46-74		
Evap at 150°C	%vol	ASTM D-86-2016a	95,1	min 75		
FBP	°C	ASTM D-86-2016a	176,5	max 210		
Residue	%vol	ASTM D-86-2016a	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	5,2	max 10,0		
Lead content*	g/L	ASTM D-237-2012	<0,0025	max 0,005		
Copper Corrosion 3H 50 °C*		ASTM D-130-2012	1a	Class 1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-2004	<1	max 5		
Total contamination*	mg/Kg	EN ISO 12662:1998	<6	-		

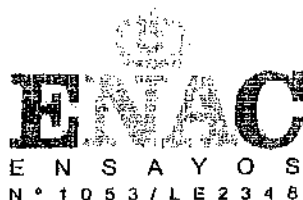
The test results shown on this report affect only to the samples received in this laboratory, and not necessarily to the whole from which these samples were drawn.

Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (Except for RFG), IP 367 and appendix E of IP standard methods for analysis and testing in respect to the utilization of test data to determine conformance with the specifications.

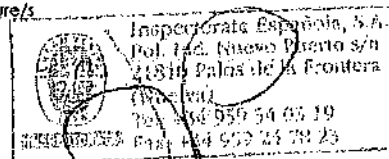
The samples will be kept for a period of three months.

<sup>1</sup> Specifications: GASOLINAS SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15

Tests marked with (\*) are not included in the scope of the accreditation. Estimated uncertainties for each method are available upon request.



Date of Report: 13/02/2018  
Name/s: José Manuel Pérez  
Signature/s:



Laboratory Manager

**Inspectorate Española, S.A.**  
(Unipersonal)

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C.I.F. : A 28633600



INSPECTORATE

**ANALYTICAL REPORT**

Job No: 16489-3  
o/Ref : ESOF EJ18000923  
Y/Ref :

Date of reception: 14/03/2018  
Date Analysis started: 14/03/2018  
Date Analysis completed: 14/03/2018

Grade: Gasoline 95  
Origin: Terminales Canarias Tenerife  
Label: Terminales Canarias Tenerife  
Id: LEON DIAS  
SHORE TANK 211 AFTER DISCHARGE - T0318211

Sample Package: 1x1L can  
Sampling date: 08/03/2018  
Seal N°: #56211

Test	Units	Method	Results	Specifications <sup>1</sup>	U=R/v2	Notes <sup>2</sup>
Density at 15 °C	Kg/m3	ASTM D-4052-2016	744,9	720-775	±1,5	
DVPE*	KPa	EN ISO 13016-1:2008	61,4	50-80		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-2016a	26,4	22-56		
Evap at 100°C	%vol	ASTM D-86-2016a	58,8	46-74		
Evap at 150°C	%vol	ASTM D-86-2016a	95,2	min 75		
FBP	°C	ASTM D-86-2016a	169,5	max 210		
Residue	%vol	ASTM D-86-2016a	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	5,4	max 10,0		
Lead content*	g/L	ASTM D-237-2012	<0,0025	max 0,005		
Copper Corrosion 3H 50 °C*		ASTM D-130-2012	1a	Class-1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-2004	<1	max 5		
Total contamination*	mg/Kg	EN ISO 12662:1998	<6	-		

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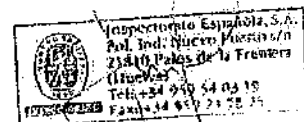
The samples will be kept for a period of three months.

<sup>1</sup> Specifications: GASOLINAS SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15

Tests marked with (\*) are not included in the scope of the accreditation. Estimated uncertainties for each method are available upon request.



Date of Report: 14/03/2018  
Name/s: José Manuel Pérez  
Signature/s:



Laboratory Manager

# Inspectorate Española, S.A.

(Unipersonal)

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 C.I.F. : A 28633600



BUREAU VERITAS

## ANALYTICAL REPORT

Job No: 16313-3  
 o/Ref : ESOENJ18000467  
 Y/Ref :

Date of reception: 10/02/2018  
 Date Analysis started: 12/02/2018  
 Date Analysis completed: 13/02/2018

Grade: Gasoline 95  
 Origin: Terminales Canarias Tenerife  
 Label: Terminales Canarias Tenerife  
 Id: VALTELLINA  
 SHORE TANK 212 AFTER DISCHARGE - T0218212

Sample Package: 1x1L can  
 Sampling date: 05/02/2018  
 Seal N°: # 56161

Test	Units	Method	Results	Specifications <sup>1</sup>	U=R/v2	Notes*
Density at 15 °C	Kg/m <sup>3</sup>	ASTM D-4052-2016	729,6	720-775	±1,8	
DVPE*	KPa	EN ISO 13016-1:2008	68,7	50-80		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-2016a	34,0	22-56		
Evap at 100°C	%vol	ASTM D-86-2016a	62,3	46-74		
Evap at 150°C	%vol	ASTM D-86-2016a	95,1	min 75		
FBP	°C	ASTM D-86-2016a	173,8	max 210		
Residue	%vol	ASTM D-86-2016a	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	5,6	max 10,0		
Lead content*	g/L	ASTM D-237-2012	<0,0025	max 0,005		
Copper Corrosion 3H 50 °C*		ASTM D-130-2012	1a	Class 1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-2004	<1	max 5		
Total contamination*	mg/Kg	EN ISO 12662:1998	<6			

The test results shown on this report affect only to the samples received in this laboratory, and not necessarily to the whole from which these samples were drawn.

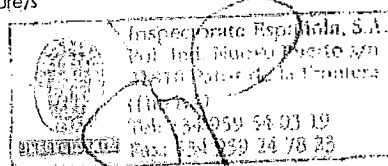
Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (Excep for RFG), IP 367 and appendix E of IP standard methods for analysis and testing in respect to the utilization of test data to determine conformance with the specifications.

The samples will be kept for a period of three months.

<sup>1</sup> Specifications: GASOLINAS SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15

Tests marked with (\*) are not included in the scope of the accreditation. Estimated uncertainties for each method are available upon request.

Date of Report: 13/02/2018  
 Name/s: José Manuel Pérez  
 Signature/s:



Laboratory Manager

# Inspectorate Española, S.A.

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C.I.F. : A 28633600



INSPECTORATE

## ANALYTICAL REPORT

Job No: 16574-4

Date of reception: 28/03/2018

o/Ref: ESOMRJ18001441

Date Analysis started: 28/03/2018

Y/Ref:

Date Analysis completed: 02/04/2018

Grade: GASOLINE 95

Sample Package: 1x1L can

Origin: Terminales Canarias Tenerife

Sampling date: 24/03/2018

Label: Terminales Canarias Tenerife

Seal N°: #56289

Id: VALLE DI SIVIGLIA

SHORE TANK 212 AFTER DISCHARGE - T0318212

Test	Units	Method	Results	Specifications <sup>1</sup>	U=R/√2	Notes*
Density at 15 °C	Kg/m <sup>3</sup>	ASTM D-4052-2015	727,1	720-775	±1,9	
DVPE*	KPa	EN ISO 13016-1:2008	60,9	50-80		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-2015	38,2	22-56		
Evap at 100°C	%vol	ASTM D-86-2015	65,5	46-74		
Evap at 150°C	%vol	ASTM D-86-2015	95,2	min 75		
FBP	°C	ASTM D-86-2015	172,3	max 210		
Residue	%vol	ASTM D-86-2015	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	7,0	max 10,0		
Lead content*	g/L	ASTM D-237-2012	<0,0025	max 0,005		
Copper Corrosion 3H 50 °C*		ASTM D-130-2012	1a	Class 1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-2004	<1	max 5		
Total contamination*	mg/Kg	EN ISO 12662:1998	<6	-		

The test results shown on this report affect only to the samples received in this laboratory, and not necessarily to the whole from which these samples were drawn.

Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (Except for RFG), IP 367 and appendix E of IP standard methods for analysis and testing in respect to the utilization of test data to determine conformance with the specifications.

The samples will be kept for a period of three months.

<sup>1</sup> Specifications: GASOLEO AUTOMOCION SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15

Tests marked with (\*) are not included in the scope of the accreditation. Estimated uncertainties for each method are available upon request.



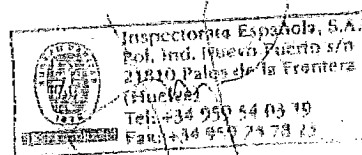
Date of Report

03/04/2018

Name/s

José Manuel Pérez

Signature/s





# Inspectorate Española, S.A.

(Unipersonal)

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C.I.F. : A 28633600



INSPECTORATE

## ANALYTICAL REPORT

Job No: 16489-4  
o/Ref : ESOFEJ18000923  
Y/Ref :

Date of reception: 14/03/2018  
Date Analysis started: 14/03/2018  
Date Analysis completed: 14/03/2018

Grade: Gasoline 98  
Origin: Terminales Canarias Tenerife  
Label: Terminales Canarias Tenerife  
Id: LEON DIAS  
SHORE TANK 311 AFTER DISCHARGE - T0318311

Sample Package: 1x1L can  
Sampling date: 08/03/2018  
Seal N°: #56216

Test	Units	Method	Results	Specifications <sup>1</sup>	U=R/v2	Notes*
Density at 15 °C	Kg/m3	ASTM D-4052-2016	747,5	720-775	±1,4	
DVPE*	KPa	EN ISO 13016-1:2008	66,4	50-80		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-2016a	27,9	22-56		
Evap at 100°C	%vol	ASTM D-86-2016a	57,7	46-74		
Evap at 150°C	%vol	ASTM D-86-2016a	95,2	min 75		
FBP	°C	ASTM D-86-2016a	169,7	max 210		
Residue	%vol	ASTM D-86-2016a	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	4,0	max 10,0		
Lead content*	g/L	ASTM D-237-2012	<0,0025	max 0,005		
Copper Corrosion 3H 50 °C*		ASTM D-130-2012	1a	Class 1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-2004	<1	max 5		
Total contamination*	mg/Kg	EN ISO 12662:1998	<6	-		

The test results shown on this report affect only to the samples received in this laboratory, and not necessarily to the whole from which these samples were drawn.

Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (Except for RFG), IP 367 and appendix E of IP standard methods for analysis and testing in respect to the utilization of test data to determine conformance with the specifications.

The samples will be kept for a period of three months.

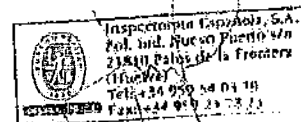
<sup>1</sup> Specifications: GASOLINAS SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15

Tests marked with (\*) are not included in the scope of the accreditation. Estimated uncertainties for each method are available upon request.



Date of Report  
Name/s  
Signature/s

14/03/2018  
José Manuel Pérez



Laboratory Manager

# Inspectorate Española, S.A.

(Unipersonal)

Laboratorio de análisis - Huelva

Polygono Industrial Nuevo Puerto S/N.

Palas de la Frontera (HUELVA)

Tel.: 959 369 335 E-Mail: huelva.lab@inspectorate.es

C.I.F. : A 28633600



INSPECTORATE

## ANALYTICAL REPORT - Revision 1

Job No: 16313-5 (rev.1)

o/Ref: ESOENJ18000467

Y/Ref:

Date of reception: 10/02/2018

Date Analysis started: 12/02/2018

Date Analysis completed: 13/02/2018

Grade: Gasoline 98

Origin: Terminales Canarias Tenerife

Label: Terminales Canarias Tenerife

Id: VALTELLINA

SHORE TANK 312 AFTER DISCHARGE - T0118312

Sample Package: 1x1L can

Sampling date: 07/02/2018

Seal N°: #56109

Test	Units	Method	Results	Specifications <sup>1</sup>	U=R/v2	Notes*
Density at 15 °C	Kg/m <sup>3</sup>	ASTM D-4052-2016	742,1	720-775	±1,6	
DVPE*	KPa	EN ISO 13016-1:2008	71,9	50-80		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-2016a	29,7	22-56		
Evap at 100°C	%vol	ASTM D-86-2016a	53,7	46-74		
Evap at 150°C	%vol	ASTM D-86-2016a	90,7	min 75		
FBP	°C	ASTM D-86-2016a	182,4	max 210		
Residue	%vol	ASTM D-86-2016a	0,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	4,6	max 10,0		
Lead content*	g/L	ASTM D-237-2012	<0,0025	max 0,005		
Copper Corrosion 3H 50 °C*		ASTM D-130-2012	1a	Class 1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-2004	<1	max 5		
Total contamination*	mg/Kg	EN ISO 12662:1998	<6	-		

<sup>1</sup>This Analytical Report 16313-5 (rev.1) cancels and replaces the Analytical Report 16313-5

The test results shown on this report affect only to the samples received in this laboratory, and not necessarily to the whole from which these samples were drawn.

Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (Except for RFG), IP 367 and appendix E of IP standard methods for analysis and testing in respect to the utilization of test data to determine conformance with the specifications.

The samples will be kept for a period of three months.

<sup>1</sup> Specifications: GASOLINAS SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15

Tests marked with (\*) are not included in the scope of the accreditation. Estimated uncertainties for each method are available upon request.



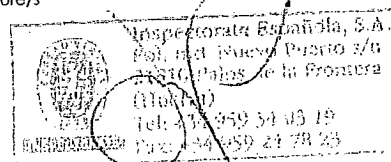
Date of Report

13/02/2018

Name/s

José Manuel Pérez

Signature/s



Laboratory Manager

# Inspectorate Española, S.A.

(Unipersonal)

Laboratorio de análisis - Huelva

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**INSPECTORATE**

## ANALYTICAL REPORT

Job No: 16574-6

o/Ref: ESOMRJ18001441

Y/Ref:

Date of reception: 28/03/2018

Date Analysis started: 28/03/2018

Date Analysis completed: 02/04/2018

Grade: GASOLINE 98

Origin: Terminales Canarias Tenerife

Label: Terminales Canarias Tenerife

Id: VALLE DI SIVIGLIA

SHORE TANK 312 AFTER DISCHARGE - T0218312

Sample Package: 1x1L can

Sampling date: 23/03/2018

Seal N°: #56299

Test	Units	Method	Results	Specifications <sup>1</sup>	U=R/v2	Notes*
Density at 15 °C	Kg/m3	ASTM D-4052-2015	739,4	720-775	±1,6	
DVPE*	KPa	EN ISO 13016-1:2008	61,4	50-80		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-2015	36,6	22-56		
Evap at 100°C	%vol	ASTM D-86-2015	62,1	46-74		
Evap at 150°C	%vol	ASTM D-86-2015	93,8	min 75		
FBP	°C	ASTM D-86-2015	178,5	max 210		
Residue	%vol	ASTM D-86-2015	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	4,7	max 10,0		
Lead content*	g/L	ASTM D-237-2012	<0,0025	max 0,005		
Copper Corrosion 3H 50 °C*		ASTM D-130-2012	1a	Class 1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-2004	<1	max 5		
Total contamination*	mg/Kg	EN ISO 12662:1998	<6	-		

The test results shown on this report affect only to the samples received in this laboratory, and not necessarily to the whole from which these samples were drawn.

Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (Excep for RFG), IP 367 and appendix E of IP standard methods for analysis and testing in respect to the utilization of test data to determine conformance with the specifications.

The samples will be kept for a period of three months.

<sup>1</sup> Specifications: GASOLEO AUTOMOCION SGC/SGA/SGP OPS REVISION 7 Fecha 28/04/15

Tests marked with (\*) are not included in the scope of the accreditation. Estimated uncertainties for each method are available upon request.



Date of Report

03/04/2018

Name/s

José Manuel Pérez

Signature/s

