

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: 17150-1
o/Ref : ESOJLJ18003706
Y/Ref :

Date of reception: 17/07/2018
Date Analysis started: 17/07/2018
Date Analysis completed: 17/07/2018

Grade: GASOIL

Origin: Terminales Canarias Tenerife

Label: Terminales Canarias Tenerife

Id: BALTIC WIND

SHORE TANK 101 AFTER DISCHARGE - T0518101

Sample Package: 1x1L can

Sampling date: 11/07/2018

Seal N°: #56567

Test	Units	Method	Results	Specifications ¹	U=R/v2	Notes*
Density at 15°C	Kg/m ³	ASTM D-4052-16	839,8	820-845	±0,4	
Sulphur*	mg/Kg	EN-ISO-20846:2011	9,4	10,0 max		
Distillation*						
65% recovered	°C	ASTM D-86-16a	292	250 min		
85%recovered	°C	ASTM D-86-16a	323	350 max		
95% recovered	°C	ASTM D-86-16a	353	360 max		
Kinematic Viscosity at 40°C*	mm2/s	ASTM D-445-15	2,606	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	110	200 max		
Copper corrosion, 3h 50°C*	Class 1	ASTM D-130-12	1a	class 1		
Electrical conductivity*	pS/m	ASTM D-2624-09	63	-		
Temperature*	°C		23			
Fame Content*	%vol	EN 14078:2010	6,9	7,0 max		
C.F.P.P	°C	EN 116:2015	-10	0 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.

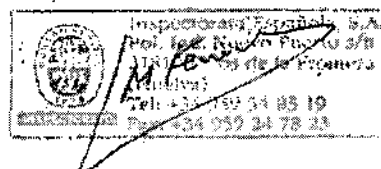
Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (Except for RFG), IP 367 and appendix E of IP standard methods for analysis and testing in respect to the utilization of test data to determine conformance with the specifications.

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

¹ 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 17/07/2018
Name/s José Manuel Fernández
Signature/s



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C.I.F. : A 28633600



INSPECTORATE

ANALYTICAL REPORT

Job No: 17241-2
o/Ref: ESOJLJ18004050
Y/Ref:

Date of reception: 07/08/2018
Date Analysis started: 07/08/2018
Date Analysis completed: 08/08/2018

Grade: Gasoline 95
Origin: Terminales Canarias Tenerife
Label: Terminales Canarias Tenerife
Id: LEIA
SHORE TANK 212 AFTER DISCHARGE - T0718212

Sample Package: 1x1L can
Sampling date: 30/07/2018
Seal N°: #0056626

Test	Units	Method	Results	Specifications ¹	U=R/v2	Notes*
Density at 15 °C	Kg/m3	ASTM D-4052-2016	747,0	720-775	±1,4	
DVPE*	KPa	EN ISO 13016-1:2008	49,5	45-60		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-17	25,9	20-54		
Evap at 100°C	%vol	ASTM D-86-17	57,6	46-74		
Evap at 150°C	%vol	ASTM D-86-17	95,3	min 75		
FBP	°C	ASTM D-86-17	170,3	max 210		
Residue	%vol	ASTM D-86-17	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	8,0	max 10,0		
Lead content*	g/L	ASTM D-3237-12	<0,0025	max 0,005		
Copper Corrosion 3H 50 °C*		ASTM D-130-12	1a	Class 1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-04	<1	max 5		
Total contamination*	mg/Kg	EN ISO 12662:2014	<6	-		

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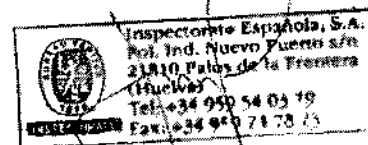
The samples will be kept for a period of three months.

¹ 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

08/08/2018
José Manuel Pérez



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C.I.F. : A 28633600



INSPECTORATE

ANALYTICAL REPORT

Job No: 17241-3
o/Ref: ESOJLJ18004050
Y/Ref:

Date of reception: 07/08/2018
Date Analysis started: 07/08/2018
Date Analysis completed: 08/08/2018

Grade: Gasoline 95
Origin: Terminales Canarias Tenerife
Label: Terminales Canarias Tenerife
Id: LEIA
SHORE TANK 211 AFTER DISCHARGE - T0818211

Sample Package: 1x1L can
Sampling date: 31/07/2018
Seal N°: #0056541

Test	Units	Method	Results	Specifications ¹	U=R/v2	Notes*
Density at 15 °C	Kg/m3	ASTM D-4052-2016	747,8	720-775	±1,4	
DVPE*	KPa	EN ISO 13016-1:2008	49,0	45-60		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-17	25,7	20-54		
Evap at 100°C	%vol	ASTM D-86-17	57,6	46-74		
Evap at 150°C	%vol	ASTM D-86-17	95,2	min 75		
FBP	°C	ASTM D-86-17	170,9	max 210		
Residue	%vol	ASTM D-86-17	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	7,6	max 10,0		
Lead content*	g/L	ASTM D-3237-12	<0,0025	max 0,005		
Copper Corrosion 3H 50 °C*		ASTM D-130-12	1a	Class 1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-04	<1	max 5		
Total contamination*	mg/Kg	EN ISO 12662:2014	<6	-		

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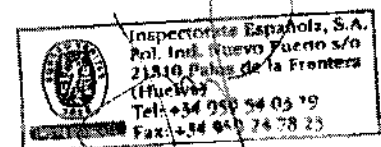
The samples will be kept for a period of three months.

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

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INSPECTORATE

ANALYTICAL REPORT

Job No: 17241-4
o/Ref: ESOJLJ18004050
Y/Ref:

Date of reception: 07/08/2018
Date Analysis started: 07/08/2018
Date Analysis completed: 08/08/2018

Grade: Gasoline 98
Origin: Terminales Canarias Tenerife
Label: Terminales Canarias Tenerife
Id: LEIA
SHORE TANK 311 AFTER DISCHARGE - T0818311

Sample Package: 1x1L can
Sampling date: 30/07/2018
Seal N°: #0056571

Test	Units	Method	Results	Specifications ¹	U=R/√2	Notes*
Density at 15 °C	Kg/m3	ASTM D-4052-2016	748,3	720-775	±1,4	
DVPE*	KPa	EN ISO 13016-1:2008	53,4	45-60		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-17	26,7	20-54		
Evap at 100°C	%vol	ASTM D-86-17	55,6	46-74		
Evap at 150°C	%vol	ASTM D-86-17	94,6	min 75		
FBP	°C	ASTM D-86-17	176,1	max 210		
Residue	%vol	ASTM D-86-17	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	5,0	max 10,0		
Lead content*	g/L	ASTM D-3237-12	<0,0025	max 0,005		
Copper Corrosion 3H 50 °C*		ASTM D-130-12	1a	Class 1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-04	<1	max 5		
Total contamination*	mg/Kg	EN ISO 12662:2014	<6	-		

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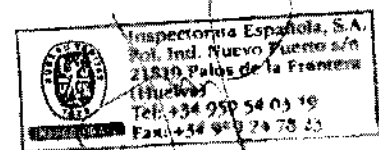
The samples will be kept for a period of three months.

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

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Name/s
Signature/s

08/08/2018
José Manuel Pérez



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INSPECTORATE

ANALYTICAL REPORT

Job No: 17241-5
o/Ref: ESOJLJ18004050
Y/Ref:

Date of reception: 07/08/2018
Date Analysis started: 07/08/2018
Date Analysis completed: 08/08/2018

Grade: Gasoline 98
Origin: Terminales Canarias Tenerife
Label: Terminales Canarias Tenerife
Id: LEIA
SHORE TANK 312 AFTER DISCHARGE - T0518312

Sample Package: 1x1L can
Sampling date: 30/07/2018
Seal N°: #0056576

Test	Units	Method	Results	Specifications ¹	U=R/v2	Notes*
Density at 15 °C	Kg/m3	ASTM D-4052-2016	752,4	720-775	±1,3	
DVPE*	KPa	EN ISO 13016-1:2008	51,1	45-60		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-17	22,3	20-54		
Evap at 100°C	%vol	ASTM D-86-17	51,1	46-74		
Evap at 150°C	%vol	ASTM D-86-17	94,8	min 75		
FBP	°C	ASTM D-86-17	175,5	max 210		
Residue	%vol	ASTM D-86-17	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	4,9	max 10,0		
Lead content*	g/L	ASTM D-3237-12	<0,0025	max 0,005		
Copper Corrosion 3H 50 °C*		ASTM D-130-12	1a	Class 1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-04	<1	max 5		
Total contamination*	mg/Kg	EN ISO 12662:2014	<6	-		

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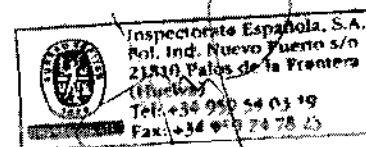
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The samples will be kept for a period of three months.

¹ 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: 08/08/2018
Name/s: José Manuel Pérez
Signature/s:



Inspectorate Española, S.A.

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C.I.F. : A 28633600



INSPECTORATE

ANALYTICAL REPORT

Job No: 17285-1
o/Ref : ESOAGJ18004260
Y/Ref :

Date of reception: 14/08/2018
Date Analysis started: 14/08/2018
Date Analysis completed: 14/08/2018

Grade: GASOIL

Origin: Terminales Canarias Tenerife

Label: Terminales Canarias Tenerife

Id: INYALA

SHORE TANK 101 AFTER DISCHARGE - T0618101

Sample Package: 1x1L can

Sampling date: 09/08/2018

Seal N°: 56520

Test	Units	Method	Results	Specifications ¹	U=R/v2	Notes*
Density at 15°C	Kg/m ³	ASTM D-4052-16	838,1	820-845	±0,4	
Sulphur*	mg/Kg	EN-ISO-20846:2011	8,9	10,0 max		
Distillation*						
65% recovered	°C	ASTM D-86-17	290,4	250 min		
85%recovered	°C	ASTM D-86-17	322,5	350 max		
95% recovered	°C	ASTM D-86-17	354,0	360 max		
Kinematic Viscosity at 40°C*	mm2/s	ASTM D-445-17	2,570	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	110	200 max		
Copper corrosion, 3h 50°C*	Class 1	ASTM D-130-12	1a	class 1		
Electrical conductivity*	pS/m	ASTM D-2624-09	38	-		
Temperature*	°C		26			
Fame Content*	%vol	EN 14078:2010	6,8	7,0 max		
C.F.P.P	°C	EN 116:2015	-12	0 max	±2	

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.

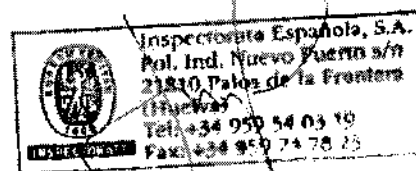
Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (Except for RFG), IP 367 and appendix E of IP standard methods for analysis and testing in respect to the utilization of test data to determine conformance with the specifications.

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

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

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Date of Report 14/08/2018
Name/s José Manuel Pérez
Signature/s



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C.I.F. : A 28633600



INSPECTORATE

ANALYTICAL REPORT

Job No: 17285-2
o/Ref : ESOAGJ18004260
Y/Ref :

Date of reception: 14/08/2018
Date Analysis started: 14/08/2018
Date Analysis completed: 14/08/2018

Grade: GASOIL

Origin: Terminales Canarias Tenerife

Label: Terminales Canarias Tenerife

Id: INYALA

SHORE TANK 102 AFTER DISCHARGE - T0818102

Sample Package: 1x1L can

Sampling date: 08/08/2018

Seal N°: 56481

Test	Units	Method	Results	Specifications ¹	U=R/v2	Notes*
Density at 15°C	Kg/m ³	ASTM D-4052-16	834,6	820-845	±0,4	
Sulphur*	mg/Kg	EN-ISO-20846:2011	8,5	10,0 max		
Distillation*						
65% recovered	°C	ASTM D-86-17	292,4	250 min		
85%recovered	°C	ASTM D-86-17	324,7	350 max		
95% recovered	°C	ASTM D-86-17	354,3	360 max		
Kinematic Viscosity at 40°C*	mm2/s	ASTM D-445-17	2,598	2,00-4,50		
Flash Point*	°C	ASTM D-93 A-16	59,0	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	181	-		
Temperature*	°C		26			
Fame Content*	%vol	EN 14078:2010	4,04	7,0 max		
C.F.P.P	°C	EN 116:2015	-15	0 max	±2	

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

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

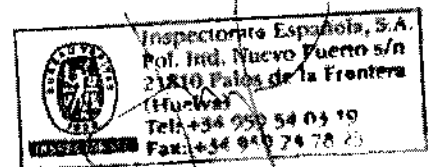
Date of Report

14/08/2018

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: 17353-2
o/Ref : ESOAGJ18004413
Y/Ref :

Date of reception: 28/08/2018
Date Analysis started: 28/08/2018
Date Analysis completed: 29/08/2018

Grade: Gasoline 98
Origin: Terminales Canarias Tenerife
Label: Terminales Canarias Tenerife
Id: TORM TEVERE
SHORE TANK 311 AFTER DISCHARGE - T0918311

Sample Package: 1x1L can
Sampling date: 23/08/2018
Seal N°: 56690

Test	Units	Method	Results	Specifications ¹	U=R/v2	Notes*
Density at 15 °C	Kg/m3	ASTM D-4052-2018	750,2	720-775	±1,4	
DVPE*	KPa	EN ISO 13016-1:2008	53,7	45-60		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-17	27,0	20-54		
Evap at 100°C	%vol	ASTM D-86-17	56,1	46-74		
Evap at 150°C	%vol	ASTM D-86-17	93,9	min 75		
FBP	°C	ASTM D-86-17	174,5	max 210		
Residue	%vol	ASTM D-86-17	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	5,4	max 10,0		
Lead content*	g/L	ASTM D-3237-12	<0,0025	max 0,005		
Copper Corrosion 3H 50 °C*		ASTM D-130-12	1a	Class 1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-04	2	max 5		
Total contamination*	mg/Kg	EN ISO 12662:2014	<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.

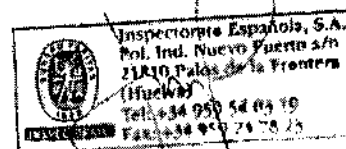
Precision parameters apply in the evaluation of the test results specified above. Please also refer to ASTM D3244 (Except for RFG), IP 367 and appendix E of IP standard methods for analysis and testing in respect to the utilization of test data to determine conformance with the specifications.

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

¹ 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: 29/08/2018
Name/s: José Manuel Pérez
Signature/s:



Inspectorate Española, S.A.

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Tel. : 959 369 335 E- Mail : huelva.lab@inspectorate.es
C.I.F. : A 28633600



INSPECTORATE

ANALYTICAL REPORT

Job No: 17353-3
o/Ref : ESOAGJ18004413
Y/Ref :

Date of reception: 28/08/2018
Date Analysis started: 28/08/2018
Date Analysis completed: 29/08/2018

Grade: Gasoline 95
Origin: Terminales Canarias Tenerife
Label: Terminales Canarias Tenerife
Id: TORM TEVERE
SHORE TANK 211 AFTER DISCHARGE - T0918211

Sample Package: 1x1L can
Sampling date: 23/08/2018
Seal N°: 56641

Test	Units	Method	Results	Specifications ¹	U=R/v2	Notes*
Density at 15 °C	Kg/m3	ASTM D-4052-2018	742,1	720-775	±1,6	
DVPE*	KPa	EN ISO 13016-1:2008	56,4	45-60		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-17	34,0	20-54		
Evap at 100°C	%vol	ASTM D-86-17	58,1	46-74		
Evap at 150°C	%vol	ASTM D-86-17	93,3	min 75		
FBP	°C	ASTM D-86-17	176,5	max 210		
Residue	%vol	ASTM D-86-17	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	7,6	max 10,0		
Lead content*	g/L	ASTM D-3237-12	<0,0025	max 0,005		
Copper Corrosion 3H 50 °C*		ASTM D-130-12	1a	Class 1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-04	1	max 5		
Total contamination*	mg/Kg	EN ISO 12662:2014	<6	-		

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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.

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Date of Report 29/08/2018
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(Unipersonal)

Laboratorio de análisis - Huelva

Polígono Industrial Nueva 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: 17353-4
o/Ref: ESOAGJ18004413
Y/Ref:

Date of reception: 28/08/2018
Date Analysis started: 28/08/2018
Date Analysis completed: 29/08/2018

Grade: Gasoline 95
Origin: Terminales Canarias Tenerife
Label: Terminales Canarias Tenerife
Id: TORM TEVERE
SHORE TANK 212 AFTER DISCHARGE - T0818212

Sample Package: 1x1L can
Sampling date: 23/08/2018
Seal N°: 56684

Test	Units	Method	Results	Specifications ¹	U=R/v2	Notes*
Density at 15 °C	Kg/m3	ASTM D-4052-2018	746,1	720-775	±1,5	
DVPE*	KPa	EN ISO 13016-1:2008	51,3	45-60		
Distillation*						
Evap at 70°C	%vol	ASTM D-86-17	27,9	20-54		
Evap at 100°C	%vol	ASTM D-86-17	57,7	46-74		
Evap at 150°C	%vol	ASTM D-86-17	95,2	min 75		
FBP	°C	ASTM D-86-17	172,7	max 210		
Residue	%vol	ASTM D-86-17	1,0	max 2,0		
Sulphur*	mg/Kg	EN-ISO-20846:2011	7,4	max 10,0		
Lead content*	g/L	ASTM D-3237-12	<0,0025	max 0,005		
Copper Corrosion 3H 50 °C*		ASTM D-130-12	1a	Class 1		
Existent Gums (washed)*	mg/100ml	ASTM D-381-04	1	max 5		
Total contamination*	mg/Kg	EN ISO 12662:2014	<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.

¹ 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: 29/08/2018
Name/s: José Manuel Pérez
Signature/s:

