

Inspectorate Española, S.A.

(Unipersonal)

Laboratorio de análisis - Huelva

Polígono Industrial Nuevo Puerto S/N.

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**BUREAU
VERITAS**

ANALYTICAL REPORT

Job No: 18198-1
o/Ref : ESODCJ18006516
Y/Ref :

Date of reception: 17/01/2019
Date Analysis started: 17/01/2019
Date Analysis completed: 17/01/2019

Grade: GASOIL A

Origin: Terminales Canarias Tenerife

Label: Terminales Canarias Tenerife

Id: HISTRIA GEMMA

SHORE TANK 102 AFTER DISCHARGE - T0119102

Sample Package: 1x1L can

Sampling date: 12/01/2019

Seal N°: #172493

Test	Units	Method	Results	Specifications ¹	U=R/v2	Notes*
Density at 15°C	Kg/m ³	ASTM D-4052-16	835,8	820-845	±0,4	
Sulphur*	mg/Kg	EN-ISO-20846:2011	9,1	10,0 max		
Distillation*						
65% recovered	°C	ASTM D-86-17	292,0	250 min		
85%recovered	°C	ASTM D-86-17	325,7	350 max		
95% recovered	°C	ASTM D-86-17	355,8	360 max		
Kinematic Viscosity at 40°C*	mm ² /s	ASTM D-445-17	2,455	2,00-4,50		
Flash Point*	°C	ASTM D-93 A-16	58,1	55,0 min		
Water content*	mg/Kg	EN ISO 12937:2001	70	200 max		
Copper corrosion, 3h 50°C*	Class 1	ASTM D-130-12	1a	class 1		
Electrical conductivity*	pS/m	ASTM D-2624-09	42	-		
Temperature*	°C		18			
Fame Content*	%vol	EN 14078:2010	6,8	7,0 max		
C.F.P.P	°C	EN 116:2015	-15	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

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

Date of Report: 17/01/2019
Name/s: Fernando Araujo
Signature/s



E N S A Y O S
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ANALYTICAL REPORT

Job Number: 004/3
 O/ Ref: SP1901-082
 Y/ Ref: TD119212 m/n "Historia Gemma"
 Grade: GASOLINE 95
 Origin: TERMINALES CANARIOS, TENERIFE
 Label: AMSPEC
 Identification: SHORE TANK 212
 Description: SHORE TANK COMPOSITE

Date of reception: 04/02/2019
 Date Analysis started: 04/02/2019
 Date Analysis completed: 04/02/2019
 Sample Package: 2 X 1L CAN
 Sampling date: 30/01/19
 Seal N°: N/A

Parameter	Units	Method	Result	Limit	Nota
Density at 15°C	g/ml	ISO 12185:1996/Cor.1:2001(E)	0,7382		
OVPE	Kpa	EN ISO 13016-1:2008	67,7		
Distillation		ASTM D86 - 16a			
Evap at 70°C	%Vol		35,1		
Evap at 100°C	%Vol		57,8		
Evap at 150°C	%Vol		93,5		
FBP	°C		174,6		
Residue	%Vol		1,0		
Sulphur	mg/Kg	EN ISO 20846:2011	1,5		
Lead Content	g/L	ASTM D 3237 - 17	<0,005		
Copper corrosion, 3h 50°C	Class 1	ASTM D130 - 12	1a		
Existent Gums (Washed)	mg/100ml	ASTM D 381 - 12(2017)	<1		
Total Contamination	mg/Kg	EN ISO 12662:2014	<1		

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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.
 "This Analytical Report 893 - Revision 1, cancel and replace the analytical report 893".

Date of Report: 05/02/2019
 Name/s: Ana Belén Sánchez
 Signature/s: Chief Analyst

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Authorized by José M. Fernández
 Laboratory Manager



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ANALYTICAL REPORT

Job Number: 004/4
O/ Ref: SP1901-082
V/ Ref: T0219311 m/n "Kistria Gemma"
Grade: GASOLINE 98
Origin: TERMINALES CANARIOS, TENERIFE
Label: AMSPEC
Identification: SHORE TANK 311
Description: SHORE TANK COMPOSITE

Date of reception: 04/02/2019
Date Analysis started: 04/02/2019
Date Analysis completed: 04/02/2019
Sample Package: 2 X 1L CAN
Sampling date: 30/01/19
Seal No: N/A

Parameter	Units	Method	Result	Limit	Note
Density at 15°C	g/ml	ISO 12185:1996/Cor.1:2001(E)	0,7436		
DVPE	Kpa	EN ISO 13016-1:2008	76,3		
Distillation		ASTM D86 - 16a			
Evap at 70°C	%Vol		33,8		
Evap at 100°C	%Vol		59,6		
Evap at 150°C	%Vol		93,8		
FBP	°C		170,4		
Residue	%Vol		1,0		
Sulphur	mg/Kg	EN ISO 20846:2011	2,2		
Lead Content	g/l	ASTM D 3237 - 17	<0,005		
Copper corrosion, 3h 50°C	Class 1	ASTM D130 - 12	1a		
Existent Gums (Washed)	mg/100ml	ASTM D 381 - 12(2017)	<1		
Total Contamination	mg/Kg	EN ISO 12662:2014	<1		

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.
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The samples will be kept for a period of three months.
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Date of Report: 05/02/2019
Name/s: Ana Belén Sánchez
Signature/s: Chief Analyst

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