

Inspectorate Española, S.A. (Unipersonal)

Bureau Veritas Commodities Division

Laboratorio de análisis – Barcelona

Calle Y n.º 31-33 – Puerto de Barcelona

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C.I.F. A 28633660



**BUREAU
VERITAS**

ANALYTICAL REPORT

Job No: 5687

o/Ref: ESOMYJ19001723

Date of Reception: 04/06/2019

Date Analysis started: 04/06/2019

Date Analysis completed: 04/06/2019

Label: Bureau Veritas

Lab ID: TK 311

Sample Package: 1x1L Metal

Seal N°: 57311

Information provided by the customer, the sample owner or the taker

Grade: GNA 98

Origin: TERMINALES CANARIOS (TENERIFE)

Id: TK 311

Y/Ref: T0619311M

Sampling date: 30/05/2019

Test	Units	Method	Results	Specifications ¹	U k=2(95%)	Notes*
Density at 15°C	Kg/m ³	ASTM D 4052:18a	741,3	720-775		
RVP	Kpa	EN 13016-1:08	59,8	45-60		
Sulphur content	mg/Kg	EN ISO 20846:04	3,1	Max 10		
Copper corrosion		ASTM D 130:18	1a	Class 1		
Existent Gum (Solvent Washed)	mg/100ml	ASTM D 381:12 (R2017)	<0,5	Max 5		
Distillation		ASTM D 86:18				
Recovered at 70°C	%vol		39,1	20-54		
Recovered at 100°C	%vol		62,9	46-74		
Recovered at 150°C	%vol		95,5	Min 75		
FBP	°C		171,0	Max 210		
Residue	%vol		1,0	Max 2		
Lead Content	g/L	ASTM D 3237:17	<0,0025	Max 0,005		

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: EN 228

Date of Report
Name/s
Signature/s

04/06/2019
Diana Riaño



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**BUREAU
VERITAS**

ANALYTICAL REPORT

Job No: 5818-2
o/Ref: ESOJNJ19002099

Date of Reception: 25/06/2019
Date Analysis started: 25/06/2019
Date Analysis completed: 26/06/2019

Label: Bureau Veritas
Lab ID: TK 311

Sample Package: 1x1L Metal
Seal N°: 172415

Information provided by the customer, the sample owner or the taker

Grade: GNA 98
Origin: TENERIFE
Id: TK 311
Partida: T0719311

Y/Ref: -
Sampling date: 19/06/2019

Composite Sample taken after discharge MT "PARSIFAL II"

Test	Units	Method	Results	Specifications ¹	U k=2(95%)	Notes*
Density at 15°C	Kg/m ³	ASTM D 4052:18a	742,9	720-775		
RVP	Kpa	EN 13016-1:08	59,4	Max 60		
Sulphur content	mg/Kg	EN ISO 20846:04	<3,0	Max 10		
Copper corrosion		ASTM D 130:18	1 a	Class 1b		
Existent Gum (Solvent Washed)	mg/100ml	ASTM D 381:12 (R2017)	2,5	Max 5		
Distillation		ASTM D 86:18				
Recovered at 70°C	%vol		37,6	20-54		
Recovered at 100°C	%vol		62,0	46-74		
Recovered at 150°C	%vol		93,4	Min 75		
FBP	°C		174,9	Max 210		
Residue	%vol		1,0	Max 2		
Lead Content	g/L	ASTM D 3237:17	<0,0025	Max 0,0025		

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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.

¹ Specifications: EN 228

Date of Report
Name/s
Signature/s

27/06/2019
Diana Riaño





Cartagena Laboratory

C/Riga Nº11 30353 Cartagena (Murcia)
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ANALYTICAL REPORT

Job Number: 079-3
O/ Ref: 647-19-00003-3
Clients/ Ref: RP: ABR19/BP:N/A
Grade: Gasolina 95
Origin: TERMINALES CANARIOS, TENERIFE
Label: AMSPEC
Identification: SHT 212-TD419212- m/n"JEMMA "
Description: SHORE TANK COMPOSITE AFTER DISCHARGE

Date of reception: 30/04/2019
Date Analysis started: 30/04/2019
Date Analysis completed: 30/04/2019
Sample Package: 2 X 1L CAN
Sampling date: 25/04/2019
Seal Nº: N/A

Parameter	Units	Method	Result	Limit	Note
Density at 15°C	Kg/m ³	ISO 12185:1996/Cor.1:2001(E)	748,0		
DVPE	Kpa	EN ISO 13016-1:2008	54,7		
Distillation		ASTM D86 - 16a			
Evap at 70°C	%Vol		26,8		
Evap at 100°C	%Vol		53,6		
Evap at 150°C	%Vol		96,4		
FBP	°C		175,9		
Residue	%Vol		1,0		
Sulphur	mg/Kg	EN ISO 20846:2011	1		
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	2		

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

Date of Report 30/04/2019
Name/s Ana Belén
Signature/s Chief Analyst

AmSpec Iberia S.L.
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ANALYTICAL REPORT

Job Number: 089-1
O/ Ref: 647-19-00012-1
Clients/ Ref: RP: MAY19/BP:N/A
Grade: GASOIL A
Origin: TERMINALES CANARIOS, TENERIFE
Label: AMSPEC
Identification: SHT 102-T0419102- m/n "HISTRIA PRINCE"
Description: SHORE TANK COMPOSITE AFTER DISCHARGE

Date of reception: 27/05/2019
Date Analysis started: 27/05/2019
Date Analysis completed: 27/05/2019
Sample Package: 2 X 1L CAN
Sampling date: 21/05/2019
Seal Nº: N/A

Parameter	Units	Method	Result	Limit	Note
Density at 15°C	Kg/m ³	ISO 12185:1996/Cor.1:2001(E)	836,4		
Viscosity at 40°C	mm ² /s	ISO 3104:1994/Cor.1:1997(E)	2,849		
Sulphur content	mg/Kg	ISO 20846:2011	9,1		
Distillation	°C	ASTM D86 - 16a			
65% Recovered			301,4		
85% Recovered			333,0		
95% Recovered			358,1		
Flash point (Proced. A - Electric Ignitor)	°C	ISO 2719:2002(E)	57		(I)
Water Karl Fischer	mg/Kg	ISO 12937:2000(E)	69		
Copper corrosion, 3h 50°C	Class 1	ASTM D130 - 12	1a		
Conductivity at 20°C	ps/m	ASTM D2624 - 15	26		(II)
FAME content	%vol	EN 14078:2010	5,6		
CFPP	°C	UNE-EN 116:2015	-16		

(I) 103,2 Kpa; Absolute Barometric Pressure.
(II) Test performed at 20°C

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

Date of Report 27/05/2019
Name/s Ana Belén Sanchez
Signature/s Chief Analyst

Authorized by José Manuel Fernández
Technical Manager