



AmSpec Iberia S.L.Unipersonal

Las Palmas Laboratory

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CIF: B72083769

ANALYTICAL REPORT

Sample Information	Laboratory Information
*V/Ref: N/A	Job Number: 1462
*Label: AMSPEC	O/ Ref: 647-21-00221
*Origin: TERMINALES CANARIOS - TENERIFE	Label: AMSPEC
*Grade: GNA 95	Sample Package: 2 x 1L can
*Seal Nº: N/A	Seal Nº: N/A
*Identification: ST 211: T0621211 METEORA	Date of reception: 16th/06/2021
*Sampling date: 11th/06/2021	Date Analysis started: 16th/06/2021
	Date Analysis completed: 18th/06/2021
*Description: SHORE TANK COMPOSITE AFTER DISCHARGE	Description: GASOLINE

Parameter	Units	Method	Result	Limit	Note
Density at 15°C	g/ml	ISO 12185:1996/Cor.1:2001	0,7508		
DVPE	Kpa	UNE EN 13016-1:2018	57,7		(1)
Distillation		ASTM D86 - 20a			
Evap at 70°C	%Vol		29,5		
Evap at 100°C	%Vol		52,6		
Evap at 150°C	%Vol		92,6		
FBP	°C		181,1		
Residue	%Vol		1,0		
Sulphur	mg/Kg	ISO 13032:2012	2,5		
Lead Content	g/L	EN 237:2005	<0,0025		(1)
Copper corrosion, 3h 50°C	Class 1	ASTM D130 - 19	1a		
Existent Gum Content	mg/100ml	EN ISO 6246:2017/Amd 1:2019	<0,5		(1)
Total Contamination	mg/Kg	EN ISO 12662:2014	<12		

*The laboratory is not responsible of the information provided by the customer, sample owner or the taker.
 The test results shown on this report affect only to the samples received in this laboratory, as they were received, 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.
 Estimated uncertainties are not included in the report, however they are available upon customer request.
 This report cannot be partially reproduced without the written approval of the issuing laboratory.
 (1) Test performed at third party laboratory, AmSpec-Cartagena.

Date of Report: 18/06/2021
 Name/s: Lella Menghini
 Signature/s: Chief Analyst



Authorized by Yanira Brito
 Laboratory Manager



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CIF: 872083769

ANALYTICAL REPORT

Sample Information	Laboratory Information
*Y/ Ref: N/A	Job Number: 1463
*Label: AMSPEC	O/ Ref: 647-21-00221
*Origin: TERMINALES CANARIOS - TENERIFE	Label: AMSPEC
*Grade: GNA 95	Sample Package: 2 x 1L can
*Seal N°: N/A	Seal N°: N/A
*Identification: ST 212: T0621212 METEORA	Date of reception: 16th/06/2021
*Sampling date: 11th/06/2021	Date Analysis started: 16th/06/2021
	Date Analysis completed: 16th/06/2021
*Description: SHORE TANK COMPOSITE AFTER DISCHARGE	Description: GASOLINE

Parameter	Units	Method	Result	Limit	Note
Density at 15°C	g/ml	ISO 12185:1996/Cor.1:2001	0,7520		
DVPE	Kpa	UNE EN 13016-1:2018	58,1		(1)
Distillation		ASTM D86 - 20a			
Evap at 70°C	%Vol		28,7		
Evap at 100°C	%Vol		51,6		
Evap at 150°C	%Vol		91,9		
FBP	°C		181,5		
Residue	%Vol		1,0		
Sulphur	mg/Kg	ISO 13032:2012	3,6		
Lead Content	g/L	EN 237:2005	<0,0025		(1)
Copper corrosion, 3h 50°C	Class 1	ASTM D130 - 19	1a		
Existent Gum Content	mg/100ml	EN ISO 6246:2017/Amd 1:2019	<0,5		(1)
Total Contamination	mg/Kg	EN ISO 12662:2014	<12		

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 Name/s: Leticia Menghini
 Signature/s: Chief Analyst



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CIF: B72083769

ANALYTICAL REPORT

Sample Information	Laboratory Information
*Y/ Ref: N/A	Job Number: 1464
*Label: AMSPEC	O/ Ref: 647-21-00221
*Origin: TERMINALES CANARIOS - TENERIFE	Label: AMSPEC
*Grade: GNA 98	Sample Package: 2 x 1L can
*Seal N°: N/A	Seal N°: N/A
*Identification: ST 311: T0621311 METEORA	Date of reception: 16th/06/2021
*Sampling date: 11th/06/2021	Date Analysis started: 16th/06/2021
	Date Analysis completed: 18th/06/2021
*Description: SHORE TANK COMPOSITE AFTER DISCHARGE	Description: GASOLINE

Parameter	Units	Method	Result	Limit	Note
Density at 15°C	g/ml	ISO 12185:1996/Cor.1:2001	0,7477		
DVPE	Kpa	UNE EN 13016-1:2018	59,0		(i)
Distillation		ASTM D86 - 20a			
Evap at 70°C	%Vol		33,7		
Evap at 100°C	%Vol		58,2		
Evap at 150°C	%Vol		93,3		
FBP	°C		180,0		
Residue	%Vol		1,0		
Sulphur	mg/Kg	ISO 13032:2012	3,0		
Lead Content	g/L	EN 237:2005	<0,0025		(i)
Copper corrosion, 3h 50°C	Class 1	ASTM D130 - 19	1a		
Existent Gum Content	mg/100ml	EN ISO 6246:2017/Amd 1:2019	<0,5		(i)
Total Contamination	mg/Kg	EN ISO 12662:2014	<12		

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 Name/s: Leila Menghini
 Signature/s: Chief Analyst



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ANALYTICAL REPORT

Sample Information	Laboratory Information
*Y/ Ref: N/A	Job Number: 1465
*Label: AMSPEC	O/ Ref: 647-21-00221
*Origin: TERMINALES CANARIOS - TENERIFE	Label: AMSPEC
*Grade: GNA 98	Sample Package: 2 x 1L can
*Seal N°: N/A	Seal N°: N/A
*Identification: ST 312: T0521312 METEORA	Date of reception: 16th/06/2021
*Sampling date: 11th/06/2021	Date Analysis started: 16th/06/2021
	Date Analysis completed: 18th/06/2021
*Description: SHORE TANK COMPOSITE AFTER DISCHARGE	Description: GASOLINE

Parameter	Units	Method	Result	Limit	Note
Density at 15°C	g/ml	ISO 12185:1996/Cor.1:2001	0,7447		
DVPE	Kpa	UNE EN 13016-1:2018	59,6		(I)
Distillation		ASTM D86 - 20a			
Evap at 70°C	%Vol		36,2		
Evap at 100°C	%Vol		60,0		
Evap at 150°C	%Vol		93,7		
FBP	°C		178,2		
Residue	%Vol		1,0		
Sulphur	mg/Kg	ISO 13032:2012	3,0		
Lead Content	g/L	EN 237:2005	<0,0025		(I)
Copper corrosion, 3h 50°C	Class 1	ASTM D130 - 19	1a		
Existent Gum Content	mg/100ml	EN ISO 6246:2017/Amd 1:2019	<0,5		(I)
Total Contamination	mg/Kg	EN ISO 12662:2014	<12		

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ANALYTICAL REPORT

Sample Information	Laboratory Information
*Y/ Ref: N/A	Job Number: 1466
*Label: AMSPEC	O/ Ref: 647-21-00221
*Origin: TERMINALES CANARIOS - TENERIFE	Label: AMSPEC
*Grade: GOA	Sample Package: 2 x 1L can
*Seal N°: N/A	Seal N°: N/A
*Identification: ST 102: T0421102 METEORA	Date of reception: 16th/06/2021
*Sampling date: 11th/06/2021	Date Analysis started: 16th/06/2021
	Date Analysis completed: 18th/06/2021
*Description: SHORE TANK COMPOSITE AFTER DISCHARGE	Description: GAS OIL

Parameter	Units	Method	Result	Limit	Note
Density at 15°C	g/ml	ISO 12185:1996/Cor.1:2001	0,8341		
Kinematic viscosity at 40°C (manual procedure)	mm ² /s	ISO 3104:2020	2,542		
Sulphur content	mg/Kg	ISO 13032:2012	7,4		
Distillation	°C	ASTM D86 - 20a			
65% Recovered			296,8		
85% Recovered			333,9		
95% Recovered			359,8		
F.B.P.			369,0		
Flash point (Proced. A - Electric ignitor)	°C	ISO 2719:2016	57,0		(II)
Water Karl Fischer	mg/Kg	ISO 12937:2000	73		
Copper corrosion, 3h 50°C	Class 1	ASTM D130 - 19	1a		
Conductivity at 20°C	ps/m	ASTM D2624 - 15	97		
FAME content	%vol	EN 14078:2014 Cor.2015	6,5		(I)
CFPP	°C	UNE-EN 116:2015	-18		

(II) 101,8Kpa; Absolute Barometric Pressure.

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