



Oil, Gas & Chemicals

ORIGINAL

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REPORT OF OBSERVATION TEST

CERTIFICATE OF QUALITY \ ANALYSIS

SGS Ref./Order Nr. : 3263510CA Lab. # : Sample # :
Loading Port : SARROCH, ITALY
Loading date : 24/10/2017
Laboratory : SARLUX REFINERY
Sample product : MIXED XYLENE
Sample identification : SHORE TANK 403 TAKEN BEFORE LOADING M/T "AS ORELIA"

Sample Seal Nrs : \\
Sample Origin as indicated : \\
Date / time of collection : 22/10/2017
Sample submitted by : 22/10/2017

Method	Test	Unit	Result	Limit
ASTM E 2680	APPEARANCE		L.L.P.S.S.	
ASTM E 2680	APPEARANCE @ 25 °C		L.L.P.S.S.	
ASTM E 2680	APPEARANCE @ 50 °C		L.L.P.S.S.	
ASTM D 156	COLOUR PT-CO	Nº	<5	20 MAX
ASTM D 4052	DENSITY @ 15 °C	KG/LT	0,8660	0,860 MIN
ASTM D 2360	ETHYLBENZENE	WT PCT.	11,00	13,0 MAX
ASTM D 2360	METAXYLENE	WT PCT.	40,00	35,0 MIN
ASTM D 2360	ORTOXYLENE	WT PCT.	21,00	18,0 MIN
ASTM D 2360	PARAXYLENE	WT PCT.	15,00	12,0 MIN
ASTM D 2360	BENZENE	WT PCT.	0,00	TBR
ASTM D 2360	CUMENE	WT PCT.	0,03	0,50 MAX
ASTM D 2360	C9 AND HEAVIER	WT PCT.	0,02	0,30 MAX
ASTM D 2360	NON AROMATICS	WT PCT.	3,00	5,0 MAX
ASTM D 2360	p-ETHYLTOLUENE + m-ETHYLTOLUENE	WT PCT.	0,00	0,0 MAX
ASTM D 850	DISTILLATION RANGE			
	I.B.P.	°C	131,0	130,0 MIN
	F.B.P.	°C	141,0	143,0 MAX
	DISTILLATION RANGE	°C	10,1	TBR
ASTM D 848	ACID WASH COLOUR	Nº	4	4 MAX
ASTM D 853	H2S + SO2		ABSENT	ABSENT
ASTM D 5453	TOTAL SULPHUR	PPM WT.	<0,3	2,0 MAX
ASTM D 847	ACIDITY	mgNaOH/100 ml	ABSENT	ABSENT
ASTM D 849	COPPER CORROSION		1A	TBR

Assemini, 24/10/2017

SGS Italia S.p.A.
Unità Operativa di Cagliari

For the laboratory

Only for Observation Test

Limitations of liability

The witnessing of this analysis executed in a third part laboratory is done so against this protocol agreed with our principals. In no way is this protocol construed as SGS Italia - OG&C accepting responsibility for the accuracy of the result which remain the sole responsibility of the executing laboratory. The responsibility of SGS Italia OG&C is limited to an SGS OG&C representative ascertaining that in our opinion the tests are carried out on the correct sample and verifications per this protocol have been carried out. All apparatus instrumentation and measuring devices are assumed to be in calibration and good working order. Reagents and standards are accepted as utilized. The laboratory's technicians are assumed qualified. It is SGS OG&C policy to discourage 'WITNESSING' of testing and recommends the resources of SGS Italia OG&C own laboratory. For the evaluation of the results the method's precision statement apply also, please refer to ASTM 3244-90a, IP367/93 and IP standard (Test Methods) Appendix E. Standard Practice for Utilization of Test Data to Determine Conformance with Specifications or latest equivalent.

Membri del Gruppo SGS (Société Générale de Surveillance)
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