



Source Tank 8
Location Burgan Cape Town Terminal
Product Diesel 50ppm
Sample Source Tank 8 Composite – After Discharge MT DL Cosmos
Sampled Drawn By OriK Cape Town
Date Sampled 28 / 04 / 2019
Date Tested 28 / 04 / 2019
Sample No 12094
Job Reference No 1210909

Client ID 29024
Client Name Vitol Bahrain
Address Bahrain World Trade Center
8th Floor, West Tower Flat 81
Isa Al Kabeer Avenue
Manama Centre 316, Bahrain

CERTIFICATE OF QUALITY

TEST	LAB / TEST METHOD	UNIT	SPECIFICATION	RESULT
Appearance	ASTM D4176 proc 1	-	Bright & Clear	Bright & Clear
Appearance	ASTM D4176 proc 2	-	1 max	1
Cetane Index	ASTM D976	-	Report	55.5
Colour	ASTM D1500	Rating	3.0 max	0.5
Conductivity	ASTM D2624	pS/m	100 min	219
CFPP - Winter	IP309*	°C	-4 max	-6
Copper Corrosion (3Hrs @ 100°C)	ASTM D130	-	No.1	1a
Density @ 20°C	ASTM D4052	kg/L	0.8000 min	0.8309
Density @ 15°C	Calculation	kg/L	Report	0.8344
Distillation 90% Recovery Point	ASTM D86	°C	362.0 max	341.0
Flash Point	ASTM D93	°C	62 min	65.0
Kinematic Viscosity @ 40 °C	ASTM D445	cSt	2.2 – 5.3	2.948
Micro Carbon Residue Test (MCRT)	ASTM D4530	% mass	0.3	0.092
Sulphur	ASTM D5453*	mg / kg	50 max	7
Pour Point	ASTM D97	°C	-6 max	-18
Sediment by Extraction	ASTM D473	% mass	0.01 max	<0.01
Strong Acid No	ASTM D974	mg KOH/g	Nil	Nil
Total Acid No (TAN)	ASTM D974	mg KOH/g	0.25	0.06
Water Content	ASTM D6304	ppm	250 max	58

*Tested at third party laboratory

** Does not meet specification

Senior Analyst

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