Digitally Generated by: Saybolt LP
Reason: Laboratory data
Location: Deer Park, TX-VPDP-Insp & Lab
Date: 2020.10.13 18:05:25 -06:00

EXXONMOBIL CHEMICAL CO
22777 Springwoods Village Parkway
77389, Spring
United States

Saybolt
A CORE LABORATORIES COMPANY

Attention of : Ms. M. Quadrado Rossi
Your reference : 5014563

Certificate of Quality

Report number	: **13074/00001350.1/L/20**	Date of sampling	: 2020-10-01
Main Object	: STOLT QUETZAL	Place of sampling	: Vopak Terminal Deer Park
Report Date	: 2020-10-13	Date received	: 2020-10-01
Date of issue	: 2020-10-01	Date completed	: 2020-10-01
Sample object	: STOLT QUETZAL	Sample number	: 10586508
Sample type	: Sampled		
Sample submitted as	: MEK		
Marked	: Vessel STOLT QUETZAL 7P wall wash . before loading		

NAME	METHOD	UNIT	RESULT
Appearance	Visual	-	CFSM
Colour Pt-Co	ASTM D 1209	-	5
Water Miscibility	ASTM D 1722	-	PASS

Signed by: Michael Calais - Laboratory Manager
Issued by: Saybolt LP
Place and date of issue: Houston - 2020-10-01

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22777 Springwoods Village Parkway
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Attention of : Ms. M. Quadrado Rossi
Your reference : 5014563

Certificate of Quality

Report number	: **13074/00001350.1/L/20**	Date of sampling	: 2020-10-12
Main Object	: STOLT QUETZAL	Place of sampling	: Vopak Terminal Deer Park
Report Date	: 2020-10-13	Date received	: 2020-10-12
Date of issue	: 2020-10-12	Date completed	: 2020-10-12
Sample object	: 522	Sample number	: 10634771
Sample type	: Sampled		
Sample submitted as	: MEK		
Marked	: DOCKLINE 23 line sample . before loading		

NAME	METHOD	UNIT	RESULT
Appearance	Visual	-	Pass
Color Pt/Co	ASTM D 5386	-	2
Specific Gravity @ 20/20 °C	ASTM D 4052	°API	0.8064
Water (Karl Fischer)	ASTM D 1364	wt %	0.017

Signed by: Michael Calais - Laboratory Manager
Issued by: Saybolt LP
Place and date of issue: Houston - 2020-10-12

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Attention of : Ms. M. Quadrado Rossi
Your reference : 5014563

Certificate of Quality

Report number	: **13074/00001350.1/L/20**	Date of sampling	: 2020-10-12
Main Object	: STOLT QUETZAL	Place of sampling	: Vopak Terminal Deer Park
Report Date	: 2020-10-13	Date received	: 2020-10-12
Date of issue	: 2020-10-13	Date completed	: 2020-10-12
Sample object	: STOLT QUETZAL	Sample number	: 10636281
Sample type	: Sampled		
Sample submitted as	: MEK		
Marked	: Vessel STOLT QUETZAL 7P first foot sample during loading .		

NAME	METHOD	UNIT	RESULT
Appearance	Visual	-	CFSM
Color Pt/Co	ASTM D 5386	-	2
Distillation	ASTM D 1078		
Distillation range		°C	0.5
IBP		°C	79.2
Drypoint		°C	79.7
Specific Gravity @ 20/20 °C	ASTM D 4052	°API	0.8065
Water (Karl Fischer)	ASTM D 1364	wt %	0.020
Odor	ASTM D 1296	-	CHAR

Signed by: Michael Calais - Laboratory Manager
Issued by: Saybolt LP
Place and date of issue: Houston - 2020-10-13

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Attention of : Ms. M. Quadrado Rossi
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Certificate of Quality

Report number	: **13074/00001350.1/L/20**	Date of sampling	: 2020-10-13
Main Object	: STOLT QUETZAL	Place of sampling	: Vopak Terminal Deer Park
Report Date	: 2020-10-13	Date received	: 2020-10-13
Date of issue	: 2020-10-13	Date completed	: 2020-10-13
Sample object	: STOLT QUETZAL	Sample number	: 10637698
Sample type	: Sampled		
Sample submitted as	: MEK		
Marked	: Vessel STOLT QUETZAL 7P running after loading		

NAME	METHOD	UNIT	RESULT
Acidity as acetic acid	ASTM D 1613	mass %	0.003
Color Pt/Co	ASTM D 5386	-	2
Distillation	ASTM D 1078		
Distillation range		°C	0.3
IBP		°C	79.3
Drypoint		°C	79.6
GC	GC		
Purity		wt %	99.94
Specific Gravity @ 20/20 °C	ASTM D 4052	°API	0.8064
Density @ 20°C	ASTM D 4052	-	804.9
Water (Karl Fischer)	ASTM D 1364	wt %	0.015
Nonvolatile Matter	ASTM D 1353	g/100mL	0.0001

Signed by: Michael Calais - Laboratory Manager
Issued by: Saybolt LP
Place and date of issue: Houston - 2020-10-13