



ExxonMobil Chemical Co.

22777 Springwoods Village Parkway
Spring, TX 77389

Attention : **Wendy Lauwong**

MOVEMENT : Load
VESSEL : **Kirby - 28019 & 28150**
LOCATION : ExxonMobil Chemical - Beaumont, TX
File N° : PAR-78459
DATE : 07/24/2021 - 08/02/2021
REFERENCE N° : 5599297

Contents

Certificate of Quantity
Voyage Analysis Report
Vessel Quantity Report
Timelog
LOP/NAD

Dear Client,

Please find attached our Inspection Report No. PAR-78459 corresponding to the Load operation of the captioned vessel, at place and date(s) shown above. The complete report is composed of individual field reports, which we believe are self-explanatory.

We trust that this report supplies the proper input needed so that we comply with your requirements. Should there be any points that need further clarification, please do not hesitate to contact us.

All Camin Cargo Control measurement devices and methods used for quantity and quality determination meet the pertinent requirements of 40 CFR 98.3 et. seq. (Greenhouse Gas Mandatory Reporting Rule)

Yours Sincerely,

Camin Cargo Control

1550 Industrial Drive Nederland, TX 77627
Phone: (409) 729-3399
Opsparthur@camincargo.com

www.camincargo.com



CERTIFICATE OF QUANTITY N° PAR-78459

VESSEL : Kirby - 28019 & 28150
LOCATION : ExxonMobil Chemical - Beaumont, TX
PRODUCT : AROMATIC CONCENTRATE

MOVEMENT : Load
JOB COMPLETED : 29-JUL-2021
REFERENCE N° : 5599297

BILL OF LADING

	GSV	NSV
Barrels @ 60 °F	51,237.12	51,237.12
Gallons @ 60 °F	2,151,959.04	2,151,959.04
Cubic Meters @ 60 °F	8,146.049	8,146.049
Liters @ 60 °F	8,146,049.0	8,146,049.0
Imperial Gallons @ 60 °F	1,791,880.80	1,791,880.80
Barrels @ 15 °C	51,202.31	51,202.31
Gallons @ 15 °C	2,150,497.02	2,150,497.02
Cubic Meters @ 15 °C	8,140.515	8,140.515
Liters @ 15 °C	8,140,515.0	8,140,515.0
Barrels @ 20 °C	51,519.67	51,519.67
Gallons @ 20 °C	2,163,826.14	2,163,826.14
Cubic Meters @ 20 °C	8,190.972	8,190.972
Liters @ 20 °C	8,190,972.0	8,190,972.0
	GSW	NSW
Long Tons - Air	5,909.523	5,909.523
Metric Tons - Air	6,004.360	6,004.360
Short Tons - Air	6,618.667	6,618.667
Kilograms - Air	6,004,360.2	6,004,360.2
Pounds - Air	13,237,332.6	13,237,332.6
	GSM	NSM
Long Tons - Vac	5,918.252	5,918.252
Metric Tons - Vac	6,013.222	6,013.222
Kilograms - Vac	6,013,222.0	6,013,222.0
API Gravity @ 60 °F	60.0	
Density @ 15 °C - Vac	738.7	
Density @ 15 °C - Air	737.6	
Density @ 20 °C - Air	733.0	
Density @ 20 °C - Vac	734.1	
Free Water Barrels	Nil	
S&W %	0.000	
S&W Barrels	Nil	
Bill of Lading Figures Based on :	Vessel without VEF or 1.0	
Quality Based on :	Submitted	
Operation Completed :	07/29/2021 06:20	
Cargo Hoses Disconnected :	07/29/2021 11:40	

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.



VOYAGE ANALYSIS REPORT N° PAR-78459

VESSEL	: Kirby - 28019 & 28150	MOVEMENT	: Load
LOCATION	: ExxonMobil Chemical - Beaumont, TX	JOB COMPLETED	: 29-JUL-2021
PRODUCT	: AROMATIC CONCENTRATE	REFERENCE N°	: 5599297

LOAD	Port	VCF	Voyage#	Gauge Date
	: ExxonMobil Chemical - Beaumont, TX	6B		28-JUL-2021

DISCHARGE	Barrels @ 60 °F	API @ 60 °F	TCV	FW	GSV	S&W	NSV	Reference
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I. SHORE/SHORE COMPARISON-NOT AVAILABLE

1. Loading Quantity*	60.0	51,237.12	0.00	51,237.12	0.00	51,237.12	
2. Outturn							
3. Difference							(2-1)
4. Difference %							(3/1*100)
Adjusted TCV Difference							(3-b+l)

* Loading Quantity is based on Vessel Figures. VEF was not applied.

II. VESSEL/SHORE COMPARISON AT LOADPORT

a. After Loading	51,237.12	0.00	51,237.12	Liquid	Non-Liquid
b. OBQ	0.00	0.00	0.00		
c. Vessel Received	51,237.12	0.00	51,237.12		(a-b)
d. Difference	0.00	0.00	0.00		(c-1)
e. Difference %	0.00	0.00	0.00		(d/1*100)
f. Load Ratio	1.00000				(c/1)
g. VEF					
h. Theoretical Shore					(c/g)
i. Theoretical Shore Diff.					(h-1)
j. Theoretical Shore Diff. %					(i/1*100)

III. VESSEL/SHORE COMPARISON AT DISPORT-NOT AVAILABLE

k. Before Discharge				Liquid	Non-Liquid
l. ROB					
m. Vessel Delivered					(k-l)
n. Difference					(2-m)
o. Difference %					(n/2*100)
p. Discharge Ratio					(m/2)
q. VEF					
r. Theoretical Shore					(m/q)
s. Theoretical Shore Diff.					(2-r)
t. Theoretical Shore Diff. %					(s/2*100)

IV. VESSEL IN TRANSIT COMPARISON-NOT AVAILABLE

u. In-Transit Diff.					(k-a)
v. In-Transit Diff. %				Liquid	Non-Liquid (u/a*100)
w. OBQ/ROB Difference					(b-l)

Adjusted TCV Difference	S&W at Loadport	0.000 %	S&W at Disport	---
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There are an insufficient number of voyages to compute a Load VEF.

Calculated as per Chapter 17.5

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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EXX006-06 / 586966 / August 2, 2021



QUANTITY CERTIFICATE N° PAR-78459

Based On Vessel Measurements

VESSEL : Kirby - 28019
LOCATION : ExxonMobil Chemical - Beaumont, TX
PRODUCT : AROMATIC CONCENTRATE

MOVEMENT : Load
JOB COMPLETED : 29-JUL-2021
REFERENCE N° : 5599297

Comp. No	Chart	RH	Gauge	TOV	Water	Water	Temp.	VCF	GSV @ 60 °F
	Ft-In		Ft-In	Bbls	Gauge	Bbls	°F	6B	Bbls
1P	16-10	01/04	00-00 00/00	Nil	----	Nil			
1S	16-10	03/08	00-00 00/00	Nil	----	Nil			
2P	16-10	01/04	00-00 00/00	Nil	----	Nil			
2S	16-10	01/04	00-00 00/00	Nil	----	Nil			
3P	16-10	01/04	00-00 00/00	Nil	----	Nil			
3S	16-10	01/04	00-00 00/00	Nil	----	Nil			
				Nil		Nil			

Draft (Ft-in)	Fwd (P)	Fwd (S)	Aft (P)	Aft (S)	Trim	List
Before	02-00	02-00	02-00	02-00	00-00 00/00	0.00

Note:

No Trim Correction was applied.

Notes for Totals: Vessel figures due to active shore tank(s)

Vessel was gauged/sampled using a Closed/Restricted System

VESSEL QUANTITIES

ARRIVAL

TCV, Barrels @ 60 °F	0.00
Free Water Barrels	0.00
	GSV
Barrels @ 60 °F	0.00
Gallons @ 60 °F	0.00
API Gravity @ 60 °F	
Lb/Gal @ 60 °F	

**QUANTITY CERTIFICATE N° PAR-78459**

Based On Vessel Measurements

VESSEL : Kirby - 28019
LOCATION : ExxonMobil Chemical - Beaumont, TX
PRODUCT : AROMATIC CONCENTRATE

MOVEMENT : Load
JOB COMPLETED : 29-JUL-2021
REFERENCE N° : 5599297

Comp. No	Chart RH Ft-In	Phy GH Ft-In	Gauge Ft-In	TOV Bbls	Water Gauge	Water Bbls	Temp. °F	VCF 6B	GSV @ 60 °F Bbls
1P	16-10 01/04	16-10 01/04	04-00 00/00	4,041.08	----	Nil	88.2	0.98061	3,962.72
1S	16-10 03/08	16-10 03/08	03-11 03/04	4,048.41	----	Nil	88.1	0.98068	3,970.19
2P	16-10 01/04	16-10 01/04	04-01 03/04	4,862.22	----	Nil	88.1	0.98068	4,768.28
2S	16-10 01/04	16-10 01/04	04-01 03/04	4,849.79	----	Nil	88.2	0.98061	4,755.75
3P	16-10 01/04	16-10 01/04	04-07 03/04	4,141.21	----	Nil	88.2	0.98061	4,060.91
3S	16-10 01/04	16-10 01/04	04-07 01/02	4,123.73	----	Nil	88.2	0.98061	4,043.77
				26,066.44		Nil	88.2		25,561.62

Draft (Ft-in)	Fwd (P)	Fwd (S)	Aft (P)	Aft (S)	Trim	List
Before	02-00	02-00	02-00	02-00	00-00 00/00	0.00
After	09-06	09-06	09-06	09-06	00-00 00/00	0.00

Note:

No Trim Correction was applied.

Notes for Totals: Vessel figures due to active shore tank(s)

Vessel was gauged/sampled using a Closed/Restricted System

VESSEL QUANTITIES	DEPARTURE	RECEIVED				
TCV, Barrels @ 60 °F	25,561.62	25,561.62	S&W	---		
Free Water Barrels	0.00	0.00		---		
	GSV	GSV	NSV		GSW	NSW
Barrels @ 60 °F	25,561.62	25,561.62	25,561.62	Long Tons - Air	2,948.194	2,948.194
Gallons @ 60 °F	1,073,588.04	1,073,588.04	1,073,588.04	Metric Tons - Air	2,995.507	2,995.507
API Gravity @ 60 °F	60.0 (S)	60.0 (S)		Short Tons - Air	3,301.978	3,301.978
Lb/Gal @ 60 °F	6.151293951	6.151293951		Kilograms - Air	2,995,507.4	2,995,507.4
				Pounds - Air	6,603,955.6	6,603,955.6

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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EXX006-06 / 586966 / August 2, 2021

**QUANTITY CERTIFICATE N° PAR-78459**

Based On Vessel Measurements

VESSEL : Kirby - 28150
LOCATION : ExxonMobil Chemical - Beaumont, TX
PRODUCT : AROMATIC CONCENTRATE

MOVEMENT : Load
JOB COMPLETED : 29-JUL-2021
REFERENCE N° : 5599297

Comp. No	Chart RH Ft-In	Phy GH Ft-In	Gauge Ft-In	TOV Bbls	Water Gauge	Water Bbls	Temp. °F	VCF 6B	GSV @ 60 °F Bbls
01P	16-04 03/04	16-04 03/04	00-00 00/00	Nil	----	Nil			
01S	16-04 03/04	16-04 03/04	00-00 00/00	Nil	----	Nil			
02P	16-04 03/04	16-04 03/04	00-00 00/00	Nil	----	Nil			
02S	16-04 03/04	16-04 03/04	00-00 00/00	Nil	----	Nil			
03P	16-04 03/04	16-04 03/04	00-00 00/00	Nil	----	Nil			
03S	16-05 01/04	16-05 01/04	00-00 00/00	Nil	----	Nil			
				Nil		Nil			

Draft (Ft-in)	Fwd (P)	Fwd (S)	Aft (P)	Aft (S)	Trim	List
Before	01-06	01-06	01-06	01-06	00-00 00/00	0.00

Note:

No Trim Correction was applied.

Notes for Totals: Vessel figures due to active shore tank(s)

Vessel was gauged/sampled using a Closed/Restricted System

VESSEL QUANTITIES**ARRIVAL**

TCV, Barrels @ 60 °F	0.00
Free Water Barrels	0.00
GSV	
Barrels @ 60 °F	0.00
Gallons @ 60 °F	0.00
API Gravity @ 60 °F	
Lb/Gal @ 60 °F	

**QUANTITY CERTIFICATE N° PAR-78459**

Based On Vessel Measurements

VESSEL : Kirby - 28150
LOCATION : ExxonMobil Chemical - Beaumont, TX
PRODUCT : AROMATIC CONCENTRATE

MOVEMENT : Load
JOB COMPLETED : 29-JUL-2021
REFERENCE N° : 5599297

Comp. No	Chart RH Ft-In	Phy GH Ft-In	Gauge Ft-In	TOV Bbls	Water Gauge	Water Bbls	Temp. °F	VCF 6B	GSV @ 60 °F Bbls
01P	16-04 03/04	16-04 03/04	03-08 01/02	4,000.74	----	Nil	90.8	0.97882	3,916.00
01S	16-04 03/04	16-04 03/04	03-10 01/02	3,953.84	----	Nil	90.7	0.97889	3,870.37
02P	16-04 03/04	16-04 03/04	03-08 01/04	4,865.06	----	Nil	90.9	0.97875	4,761.68
02S	16-04 03/04	16-04 03/04	03-07 01/02	4,870.57	----	Nil	90.9	0.97875	4,767.07
03P	16-04 03/04	16-04 03/04	03-10 03/04	4,257.25	----	Nil	90.6	0.97895	4,167.63
03S	16-05 01/04	16-05 01/04	03-09 00/00	4,282.60	----	Nil	90.5	0.97902	4,192.75
				26,230.06		Nil	90.7		25,675.50

Draft (Ft-in)	Fwd (P)	Fwd (S)	Aft (P)	Aft (S)	Trim	List
Before	01-06	01-06	01-06	01-06	00-00 00/00	0.00
After	09-03	09-03	09-03	09-03	00-00 00/00	0.00

Note:

No Trim Correction was applied.

Notes for Totals: Vessel figures due to active shore tank(s)

Vessel was gauged/sampled using a Closed/Restricted System

VESSEL QUANTITIES	DEPARTURE	RECEIVED				
TCV, Barrels @ 60 °F	25,675.50	25,675.50	S&W	---		
Free Water Barrels	0.00	0.00		---		
	GSV	GSV	NSV		GSW	NSW
Barrels @ 60 °F	25,675.50	25,675.50	25,675.50	Long Tons - Air	2,961.329	2,961.329
Gallons @ 60 °F	1,078,371.00	1,078,371.00	1,078,371.00	Metric Tons - Air	3,008.853	3,008.853
API Gravity @ 60 °F	60.0 (S)	60.0 (S)		Short Tons - Air	3,316.689	3,316.689
Lb/Gal @ 60 °F	6.151293951	6.151293951		Kilograms - Air	3,008,852.8	3,008,852.8
				Pounds - Air	6,633,377.0	6,633,377.0

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.

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EXX006-06 / 586966 / August 2, 2021

**TIME LOG REPORT N° PAR-78459****VESSEL** : Kirby - 28019 & 28150**LOCATION** : ExxonMobil Chemical - Beaumont, TX**PRODUCT** : AROMATIC CONCENTRATE**MOVEMENT** : Load**JOB COMPLETED** : 29-JUL-2021**REFERENCE N°** : 5599297

Date	Time	Description
24-JUL-2021	19:44	Barges Tendered
28-JUL-2021	19:30	Barge(s) Arrived (K 28150)
	19:45	Barge(s) Docked (K 28150)
	21:10	Barge(s) Arrived (K 28019)
	21:30	Barge(s) Docked (K 28019)
	22:15	Hose(s) Connected (K 28019)
	23:00	Load Commenced (K 28019)
	23:45	Cargo Hose(s) Connected (K 28150)
29-JUL-2021	00:20	Load Commenced (K 28150)
	03:50	Inspector Notified
	05:50	Inspector Arrived
	06:20	Load Completed (K 28019)
	06:50	Hose(s) Disconnected (K 28019)
	06:55	Final Inspection Commenced
	07:40	Final Inspection Completed
	08:00	Final Calculations Completed
	08:05	Released To Terminal (K 28019)
	08:42	Inspector Notified
	10:40	Inspector Arrived
	10:55	Load Completed (K 28150)
	11:25	Final Inspection Commenced (K 28150)
	11:40	Cargo Hose(s) Disconnected (K 28150)
	12:50	Final Inspection Completed (K 28150)
30-JUL-2021	12:50	Final Calculations Commenced (K 28150)
	13:00	Final Calculations Completed (K 28150)
	13:05	Released to Terminal (K 28150)
02-AUG-2021	12:35	Analysis Received from Terminal
	14:00	Sent for/Awaiting Confirmation
02-AUG-2021	11:10	Movement Made Active by Terminal
	11:15	Re-Sent for/Awaiting Confirmation
	11:45	Received confirmation from the terminal

All gauges, temperatures and volumes were obtained in accordance to the latest API and ASTM procedures.



LETTER OF PROTEST ° PAR-78459

VESSEL : Kirby - 28019 & 28150
LOCATION : ExxonMobil Chemical - Beaumont, TX
PRODUCT : AROMATIC CONCENTRATE

MOVEMENT : Load
JOB COMPLETED : 29-JUL-2021

TO : Terminal

REFERENCE : Active Shore Tanks

On Behalf of our Principals, we do hereby note the following Protest:
ACTIVE SHORE TANKS / NO LINE DISPLACEMENT

We hereby reserve the right of our Principals to refer to this matter at a later date and to take such action as may be deemed necessary.

The signature below is for receipt only.

Respectfully,

Signature:
Print Name:
Position:
Date/Time:

Camin Cargo Control