



CERTIFICATE OF ANALYSIS



Date: 12/27/24
 Sample Cylinder: LP239
 Type of Sample: Liquid Hydrocarbon
 Customer PO: 4828

Delivery Date: 12/27/2024

Components	Mol %	Wt. %	L.V.%
Propane	0.0100%	0.0076%	0.0087%
i-Butane	0.0100%	0.0100%	0.0104%
n-Butane	99.9700%	99.9710%	99.9703%
Neo-Pentane	0.0085%	0.0106%	0.0104%
Sum of Components	100.00%	100.00%	100.00%

ASTM D2713	Moisture Content	Pass
UOP 938	Total Mercury	ND
ASTM D6667	Sulfur	ND

Calculated Physical Properties		Total Impurities	
Vapor Pressure psia, 100 °F = 51.49		Benzene	<0.10 ppm
API Gravity, 60 °F, 14.696 psia = 110.19		Sulfur	<1.0 ppm
Molecular Weight	58.1	Methanol	<1.0 ppm
		Moisture	<1.0 ppm
		Acetone	<1.0 ppm



CERTIFICATE OF ANALYSIS



Date: 12/27/24
 Sample Cylinder: LP239
 Type of Sample: Liquid Hydrocarbon
 Customer PO: 4828
 Delivery Date: 12/27/2024

Components	Mol %	Wt. %	L.V.%
Propane	0.0100%	0.0076%	0.0087%
i-Butane	0.0100%	0.0100%	0.0104%
n-Butane	99.9700%	99.9710%	99.9703%
Neo-Pentane	0.0085%	0.0106%	0.0104%
Sum of Components	100.00%	100.00%	100.00%

ASTM D2713	Moisture Content	Pass
UOP 938	Total Mercury	ND
ASTM D6667	Sulfur	ND

Calculated Physical Properties	Total Impurities
Vapor Pressure psia, 100 °F = 51.49	Benzene <0.10 ppm
API Gravity, 60 °F, 14.696 psia = 110.19	Sulfur <1.0 ppm
Molecular Weight 58.1	Methanol <1.0 ppm
	Moisture <1.0 ppm
	Acetone <1.0 ppm



CERTIFICATE OF ANALYSIS



Date: 12/27/24
 Sample Cylinder: LP239
 Type of Sample: Liquid Hydrocarbon
 Customer PO: 4828

Delivery Date: 12/27/2024

Components	Mol %	Wt. %	L.V.%
Propane	0.0100%	0.0076%	0.0087%
i-Butane	0.0100%	0.0100%	0.0104%
n-Butane	99.9700%	99.9710%	99.9703%
Neo-Pentane	0.0085%	0.0106%	0.0104%
Sum of Components	100.00%	100.00%	100.00%

ASTM D2713	Moisture Content	Pass
UOP 938	Total Mercury	ND
ASTM D6667	Sulfur	ND

Calculated Physical Properties	Total Impurities
Vapor Pressure psia, 100 °F = 51.49	Benzene <0.10 ppm
API Gravity, 60 °F, 14.696 psia = 110.19	Sulfur <1.0 ppm
Molecular Weight 58.1	Methanol <1.0 ppm
	Moisture <1.0 ppm
	Acetone <1.0 ppm



CORTERA GAS, LLC

PURITY ON PURPOSE

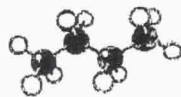
CYLINDER FILL SHEET

CUSTOMER: Solvent Direct INVOICE NO.: _____
DATE FILLED: 12-27-24 DATE SHIPPED: _____
TIME FILLED: 8:43am
PRODUCT: PROPANE BUTANE ISO MIX _____
PRODUCT VAPOR PRESSURE: 30PSI
PRODUCT TEMPERATURE: 70°F
FILLED BY: RV, KF, JM, DM

36-100# cylinders

SERIAL NUMBERS

<u>674888UA</u>	<u>006352QC</u>	<u>008097QC</u>	<u>CC-092678</u>
<u>802046D</u>	<u>802680D</u>	<u>TR-398902</u>	<u>802041D</u>
<u>5070091D</u>	<u>533907D</u>	<u>885419D</u>	<u>RD-872551</u>
<u>885436D</u>	<u>394769D</u>	<u>802676D</u>	<u>534817D</u>
<u>TR-382611</u>	<u>511256D</u>	<u>543171D</u>	<u>010165QC</u>
<u>733857D</u>	<u>885416D</u>	<u>366412UA</u>	<u>TR-382749</u>
<u>TR-382554</u>	<u>TR-399718</u>	<u>029022</u>	<u>001053QC</u>
<u>RD-892357</u>	<u>714840UA</u>	<u>TR-382560</u>	<u>003552QC</u>
<u>885439D</u>	<u>028975</u>	<u>TR-398490</u>	<u>802019D</u>



CORTERA GAS, LLC

PURITY ON PURPOSE

CYLINDER FILL SHEET

CUSTOMER: Solvent Direct INVOICE NO.: _____
 DATE FILLED: 12-27-24 DATE SHIPPED: _____
 TIME FILLED: 7:45am
 PRODUCT: PROPANE BUTANE ISO MIX _____
 PRODUCT VAPOR PRESSURE: 30PSI
 PRODUCT TEMPERATURE: 70°F
 FILLED BY: RH, RN, Lane, D.D, JM, KF
36-100 # cylinders

SERIAL NUMBERS

<u>632051WA</u>	<u>544154D</u>	<u>002924QC</u>	<u>001403QC</u>
<u>523468D</u>	<u>510171D</u>	<u>511068D</u>	<u>885424D</u>
<u>147049</u>	<u>607889WA</u>	<u>522606D</u>	<u>005392QC</u>
<u>002196QC</u>	<u>660581WA</u>	<u>CC-083371</u>	<u>535245D</u>
<u>TR-399535</u>	<u>142385</u>	<u>001096QC</u>	<u>029213</u>
<u>335022D</u>	<u>546127D</u>	<u>TR-399836</u>	<u>77718AW</u>
<u>TR-399984</u>	<u>RD-892370</u>	<u>007333QC</u>	<u>TR-399695</u>
<u>480575D</u>	<u>648941WA</u>	<u>802042D</u>	<u>70553AW</u>
<u>602317WA</u>	<u>886098D</u>	<u>430663WA</u>	<u>480939D</u>



CORTERA GAS, LLC

PURITY ON PURPOSE

CYLINDER FILL SHEET

CUSTOMER: Solvent Direct INVOICE NO.: _____
 DATE FILLED: ~~12-27-24~~ 12-27-24 DATE SHIPPED: _____
 TIME FILLED: 7:00am
 PRODUCT: PROPANE BUTANE ISO MIX _____
 PRODUCT VAPOR PRESSURE: 30 PSI
 PRODUCT TEMPERATURE: 70°F
 FILLED BY: RH, KF, DND

36-100# cylinders

SERIAL NUMBERS

<u>464526D</u>	<u>RD-872501</u>	<u>011421QC</u>	<u>RD-817591</u>
<u>RD-873927</u>	<u>006997QC</u>	<u>540257D</u>	<u>005883QC</u>
<u>421144D</u>	<u>546111D</u>	<u>474800D</u>	<u>734412D</u>
<u>TR-399784</u>	<u>TR-382863</u>	<u>885939D</u>	<u>511449D</u>
<u>608236WA</u>	<u>519537D</u>	<u>TR-399830</u>	<u>RD-817587</u>
<u>398878D</u>	<u>DR-066375</u>	<u>545416D</u>	<u>518825WA</u>
<u>511265D</u>	<u>010646QC</u>	<u>802010D</u>	<u>675328WA</u>
<u>CC-092533</u>	<u>RD-872425</u>	<u>802025D</u>	<u>524165D</u>
<u>338672D</u>	<u>541149D</u>	<u>885886D</u>	<u>TR-400012</u>



CORTERA GAS, LLC

PURITY ON PURPOSE

CYLINDER FILL SHEET

CUSTOMER: Solvent Direct INVOICE NO.: _____
 DATE FILLED: 12-26-2024 DATE SHIPPED: _____
 TIME FILLED: 7:00AM
 PRODUCT: PROPANE BUTANE ISO MIX _____
 PRODUCT VAPOR PRESSURE: 30 PSF
 PRODUCT TEMPERATURE: 70°F
 FILLED BY: Jm O D, RH
34-100 ll cylinder

SERIAL NUMBERS

<u>000183</u> ✓	<u>E001021</u> ✓	<u>0005530C</u> ✓	<u>511031D</u> ✓
<u>002823QC</u>	<u>RD89299P</u>	<u>005328QC</u>	<u>RD-891251</u>
<u>004913QC</u>	<u>007234QC</u>	<u>320133A</u>	<u>RD-873919</u>
<u>000198QC</u>	<u>011404QC</u>	<u>611705UA</u>	<u>000234</u>
<u>101094AW</u>	<u>002815QC</u>	<u>007394</u>	<u>000876QC</u>
<u>009081QC</u>	<u>007369QC</u>	<u>005984QC</u>	<u>RD-892405</u>
<u>008982QC</u>	<u>553928D</u>	<u>TR40941D</u>	<u>669372UA</u>
<u>0016280QC</u>	<u>000506QC</u>	<u>004627QC</u>	<u>006872QC</u>
<u>TR377915</u>	<u>RD962696</u>	<u>TR390050</u>	<u>533717D</u>



CORTERA GAS, LLC

PURITY ON PURPOSE

CYLINDER FILL SHEET

CUSTOMER: Solvent Direct INVOICE NO.: _____
DATE FILLED: 12-27-24 DATE SHIPPED: _____
TIME FILLED: 9:43am
PRODUCT: PROPANE BUTANE ISO MIX _____
PRODUCT VAPOR PRESSURE: 30PSI
PRODUCT TEMPERATURE: 70°F
FILLED BY: RU, KF, Lane, Jim, Dan

36-100# cylinders

B P
50150

SERIAL NUMBERS

<u>464531D</u>	<u>K002104</u>	<u>843142D</u>
<u>802666D</u>	<u>K001013</u>	<u>885912D</u>
<u>CC-047721</u>	<u>0114439e</u>	<u>886097D</u>
<u>029243</u>	<u>0108659e</u>	<u>886054D</u>
<u>DR-015615</u>	<u>548880D</u>	<u>885958D</u>
<u>011364QC</u>	<u>523412D</u>	<u>885670D</u>
<u>524040D</u>	<u>547212D</u>	<u>842361D</u>
<u>TR-382715</u>	<u>542788D</u>	<u>886098D</u>
<u>511253D</u>	<u>K003034</u>	<u>885931D</u>