



# C30+ COMPOSITIONAL ANALYSIS

LIGHT SOUR BLEND

B429415:JI9939

MaxID

Client ID

Meter Number

Laboratory Number

CRUDE QUALITY INC.

Operator Name

LSD

Well ID

CRUDE QUALITY INC. MINI ASSAY

MAXXAM ANALYTICS

Well Name

Initials of Sampler

Sampling Company

LSB NAPHTHA IBP - 190°C

4L CAN

Field or Area

Pool or Zone

Sample Point

Container Identity

Percent Full

Test Recovery

Interval

Elevations (m)

Sample Gathering Point

Solution Gas

Test Type

No.

Multiple Recovery

From:

To:

KB

GRD

Well Fluid Status

Well Status Mode

Production Rates

Gauge Pressures kPa

Temperature °C

Well Status Type

Well Type

Water m3/d

Oil m3/d

Gas 1000m3/d

Source

As Received

Source

As Received

Gas or Condensate Project

Licence No.

21

2014/04/15

2014/06/02

2014/06/02

SK1,NG

Date Sampled Start

Date Sampled End

Date Received

Date Reported

Date Reissued

Analyst

## COMPOSITION

COMPONENT	MOLE FRACTION	MASS FRACTION	VOLUME FRACTION
N2			
CO2			
H2S			
C1	0.0000	0.0000	0.0000
C2	0.0008	0.0003	0.0005
C3	0.0240	0.0105	0.0146
IC4	0.0227	0.0131	0.0165
NC4	0.0909	0.0525	0.0637
IC5	0.0419	0.0300	0.0340
NC5	0.0641	0.0460	0.0516
C6	0.1009	0.0863	0.0915
C7+	0.6547	0.7613	0.7276
TOTAL	1.0000	1.0000	1.0000

## PROPERTIES

RESIDUE	RELATIVE DENSITY @ 15 °C		RELATIVE MOLECULAR MASS		DATA SUMMARY		
	OBSERVED	CALCULATED	OBSERVED	CALCULATED	MOLE FRACTION	MASS FRACTION	VOLUME FRACTION
C5+		0.724		108	0.8616	0.9236	0.9047
C6+		0.734		113	0.7556	0.8476	0.8191
C7+	0.742		117	117	0.6547	0.7613	0.7276
C10+					0.1719	0.2505	0.2336
C12+					0.0042	0.0076	0.0066
TOTAL		0.709		101			

Calculated Absolute Density Total Sample:  
Gas Equivalent Factor:

708.4 kg/m3 @ 15°C  
166.36 m3 Gas/m3 Liquid

\*\* Information not supplied by client -- data derived from LSD information

Results relate only to items tested

Remarks:



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Operator Name

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Well Name

Sample Point

MAXXAM ANALYTICS

LIGHT SOUR BLEND

Sampling Company

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COMPONENT	BOILING POINT (°C)	MOLE FRACTION	MASS FRACTION	VOLUME FRACTION
Nitrogen	-196			
Carbon Dioxide	-79			
Hydrogen Sulphide	-60			
Methane	-162	0.0000	0.0000	0.0000
Ethane	-89	0.0008	0.0003	0.0005
Propane	-42	0.0240	0.0105	0.0146
Iso-Butane	-12	0.0227	0.0131	0.0165
n-Butane	0	0.0909	0.0525	0.0637
Iso-Pentane	28	0.0419	0.0300	0.0340
n-Pentane	36	0.0641	0.0460	0.0516
Hexanes	37-69	0.1009	0.0863	0.0915
Heptanes	70-98	0.1815	0.1693	0.1676
Octanes	99-126	0.1743	0.1875	0.1814
Nonanes	127-151	0.1270	0.1540	0.1450
Decanes	152-174	0.1133	0.1585	0.1517
Undecanes	175-196	0.0544	0.0844	0.0753
Dodecanes	197-216	0.0041	0.0070	0.0062
Triadecanes	217-236	Trace	Trace	Trace
Tetradecanes	237-253	Trace	Trace	Trace
Pentadecanes	254-271	Trace	Trace	Trace
Hexadecanes	272-287	Trace	Trace	Trace
Heptadecanes	288-302	Trace	Trace	Trace
Octadecanes	303-317	Trace	Trace	Trace
NonaDecanes	318-331	Trace	Trace	Trace
Eicosanes	332-343	Trace	Trace	Trace
Heneicosanes	344-357	Trace	Trace	Trace
Docosanes	358-369	Trace	Trace	Trace
Triacosanes	370-380	Trace	Trace	Trace
Tetracosanes	381-391	Trace	Trace	Trace
Pentacosanes	392-402	Trace	Trace	Trace
Hexacosanes	403-412	Trace	Trace	Trace
Heptacosanes	413-422	Trace	Trace	Trace
Octacosanes	423-432	Trace	Trace	Trace
Nonacosanes	433-441	Trace	Trace	Trace
triacontanes+	442-449+	0.0001	0.0006	0.0004
Totals		1.0000	1.0000	1.0000
neoHexane	50	0.0000	0.0000	0.0000
Methylcyclopentane	70	0.0330	0.0276	0.0259
Benzene	80	0.0101	0.0078	0.0062
Cyclohexane	81	0.0241	0.0201	0.0182
Methylcyclohexane	101	0.0354	0.0346	0.0317
Toluene	111	0.0214	0.0196	0.0159
Ethylbenzene	136	0.0131	0.0138	0.0112
m&p-Xylene	139	0.0161	0.0170	0.0137
o-Xylene	144	0.0060	0.0063	0.0051
1,2,4-Trimethylbenzene	169	0.0090	0.0111	0.0089

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