



# C30+ COMPOSITIONAL ANALYSIS

SEAL HEAVY

B334135:GG9561

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

SH 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.

23

2013/05/02

2013/07/09

GS1

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	Trace	Trace	Trace
C3	0.0083	0.0039	0.0053
IC4	0.0219	0.0134	0.0167
NC4	0.0696	0.0427	0.0511
IC5	0.1039	0.0790	0.0886
NC5	0.1214	0.0924	0.1026
C6	0.1431	0.1302	0.1362
C7+	0.5318	0.6384	0.5995
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+		0.710		99	0.9002	0.9400	0.9269
C6+		0.732		108	0.6749	0.7686	0.7357
C7+	0.746		114	114	0.5318	0.6384	0.5995
C10+					0.1177	0.1827	0.1675
C12+					0.0044	0.0079	0.0069
TOTAL		0.700		95			

Calculated Absolute Density Total Sample: 699.4 kg/m3 @ 15°C  
 Gas Equivalent Factor: 174.24 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

Laboratory Number

CRUDE QUALITY INC. MINI ASSAY

SH NAPHTHA IBP - 190°C

Well Name

Sample Point

MAXXAM ANALYTICS

SEAL HEAVY

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	Trace	Trace	Trace
Propane	-42	0.0083	0.0039	0.0053
Iso-Butane	-12	0.0219	0.0134	0.0167
n-Butane	0	0.0696	0.0427	0.0511
Iso-Pentane	28	0.1039	0.0790	0.0886
n-Pentane	36	0.1214	0.0924	0.1026
Hexanes	37-69	0.1431	0.1302	0.1362
Heptanes	70-98	0.1658	0.1630	0.1583
Octanes	99-126	0.1569	0.1754	0.1654
Nonanes	127-151	0.0914	0.1173	0.1083
Decanes	152-174	0.0732	0.1087	0.1025
Undecanes	175-196	0.0401	0.0661	0.0581
Dodecanes	197-216	0.0044	0.0079	0.0069
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	0.0000	0.0000	0.0000
Triacosanes	370-380	0.0000	0.0000	0.0000
Tetracosanes	381-391	0.0000	0.0000	0.0000
Pentacosanes	392-402	0.0000	0.0000	0.0000
Hexacosanes	403-412	0.0000	0.0000	0.0000
Heptacosanes	413-422	0.0000	0.0000	0.0000
Octacosanes	423-432	0.0000	0.0000	0.0000
Nonacosanes	433-441	0.0000	0.0000	0.0000
triacontanes+	442-449+	0.0000	0.0000	0.0000
Totals		1.0000	1.0000	1.0000
neoHexane	50	0.0000	0.0000	0.0000
Methylcyclopentane	70	0.0268	0.0238	0.0220
Benzene	80	0.0124	0.0102	0.0081
Cyclohexane	81	0.0287	0.0255	0.0227
Methylcyclohexane	101	0.0479	0.0497	0.0450
Toluene	111	0.0239	0.0232	0.0187
Ethylbenzene	136	0.0046	0.0052	0.0042
m&p-Xylene	139	0.0191	0.0214	0.0171
o-Xylene	144	0.0046	0.0052	0.0041
1,2,4-Trimethylbenzene	169	0.0065	0.0085	0.0068

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