



C30+ COMPOSITIONAL ANALYSIS

PREMIUM SYNTHETIC

B505573:LO1590

MaxID

Client ID

Meter Number

Laboratory Number

CRUDE QUALITY INC.

Operator Name

LSD

Well ID

CRUDE QUALITY INC. MINI ASSAY

C

MAXXAM ANALYTICS

Well Name

Initials of Sampler

Sampling Company

PSY 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.

2015/01/23

2015/02/26

2015/02/26

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	Trace	Trace	Trace
C3	0.0020	0.0008	0.0012
IC4	0.0073	0.0038	0.0049
NC4	0.0399	0.0206	0.0256
IC5	0.0321	0.0206	0.0239
NC5	0.0498	0.0320	0.0367
C6	0.0952	0.0729	0.0792
C7+	0.7737	0.8493	0.8285
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+		0.731		115	0.9508	0.9748	0.9683
C6+		0.737		119	0.8689	0.9222	0.9077
C7+	0.744		123	123	0.7737	0.8493	0.8285
C10+					0.2746	0.3607	0.3428
C12+					0.0114	0.0179	0.0162
TOTAL		0.726		112			

Calculated Absolute Density Total Sample: 725.3 kg/m3 @ 15°C
 Gas Equivalent Factor: 152.86 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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CRUDE QUALITY INC.

B505573:LO1590

Operator Name

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CRUDE QUALITY INC. MINI ASSAY

PSY NAPHTHA IBP - 190°C

Well Name

Sample Point

MAXXAM ANALYTICS

PREMIUM SYNTHETIC

Sampling Company

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Analyst

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	0.0020	0.0008	0.0012
Iso-Butane	-12	0.0073	0.0038	0.0049
n-Butane	0	0.0399	0.0206	0.0256
Iso-Pentane	28	0.0321	0.0206	0.0239
n-Pentane	36	0.0498	0.0320	0.0367
Hexanes	37-69	0.0952	0.0729	0.0792
Heptanes	70-98	0.1415	0.1199	0.1229
Octanes	99-126	0.1824	0.1773	0.1772
Nonanes	127-151	0.1752	0.1914	0.1856
Decanes	152-174	0.1652	0.2066	0.2022
Undecanes	175-196	0.0980	0.1362	0.1244
Dodecanes	197-216	0.0111	0.0169	0.0153
Triadecanes	217-236	0.0002	0.0004	0.0004
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	0.0001	0.0001
Heptacosanes	413-422	Trace	Trace	Trace
Octacosanes	423-432	Trace	Trace	Trace
Nonacosanes	433-441	Trace	Trace	Trace
triacontanes+	442-449+	0.0001	0.0005	0.0004
Totals		1.0000	1.0000	1.0000
neoHexane	50	0.0000	0.0000	0.0000
Methylcyclopentane	70	0.0228	0.0171	0.0164
Benzene	80	0.0038	0.0027	0.0022
Cyclohexane	81	0.0153	0.0114	0.0106
Methylcyclohexane	101	0.0353	0.0308	0.0290
Toluene	111	0.0152	0.0125	0.0104
Ethylbenzene	136	0.0097	0.0091	0.0076
m&p-Xylene	139	0.0236	0.0223	0.0185
o-Xylene	144	0.0092	0.0087	0.0071
1,2,4-Trimethylbenzene	169	0.0129	0.0143	0.0118

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