



C30+ COMPOSITIONAL ANALYSIS

SYNTHETIC SWEET BLEND

B533668:MC9038

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

SYN 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

2015/04/27

2015/05/26

2015/05/26

FA1

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	0.0062	0.0028	0.0039
IC4	0.0297	0.0175	0.0219
NC4	0.1180	0.0693	0.0834
IC5	0.0544	0.0397	0.0447
NC5	0.0871	0.0637	0.0708
C6	0.1171	0.1022	0.1073
C7+	0.5875	0.7048	0.6680
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+		0.718		106	0.8461	0.9104	0.8908
C6+		0.731		113	0.7046	0.8070	0.7753
C7+	0.741		119	119	0.5875	0.7048	0.6680
C10+					0.1564	0.2329	0.2148
C12+					0.0078	0.0135	0.0117
TOTAL		0.702		99			

Calculated Absolute Density Total Sample: 701.4 kg/m3 @ 15°C
 Gas Equivalent Factor: 167.43 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.

B533668:MC9038

Operator Name

Laboratory Number

CRUDE QUALITY INC. MINI ASSAY

SYN NAPHTHA IBP - 190°C

Well Name

Sample Point

MAXXAM ANALYTICS

SYNTHETIC SWEET 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	Trace	Trace	Trace
Propane	-42	0.0062	0.0028	0.0039
Iso-Butane	-12	0.0297	0.0175	0.0219
n-Butane	0	0.1180	0.0693	0.0834
Iso-Pentane	28	0.0544	0.0397	0.0447
n-Pentane	36	0.0871	0.0637	0.0708
Hexanes	37-69	0.1171	0.1022	0.1073
Heptanes	70-98	0.1433	0.1365	0.1343
Octanes	99-126	0.1569	0.1724	0.1660
Nonanes	127-151	0.1309	0.1630	0.1529
Decanes	152-174	0.0989	0.1407	0.1335
Undecanes	175-196	0.0497	0.0787	0.0696
Dodecanes	197-216	0.0074	0.0128	0.0111
Triadecanes	217-236	0.0004	0.0007	0.0006
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	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	0.0323	0.0275	0.0255
Benzene	80	0.0067	0.0053	0.0042
Cyclohexane	81	0.0132	0.0113	0.0101
Methylcyclohexane	101	0.0330	0.0328	0.0298
Toluene	111	0.0162	0.0151	0.0122
Ethylbenzene	136	0.0066	0.0071	0.0057
m&p-Xylene	139	0.0153	0.0165	0.0132
o-Xylene	144	0.0090	0.0096	0.0077
1,2,4-Trimethylbenzene	169	0.0077	0.0097	0.0077

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