



C30+ COMPOSITIONAL ANALYSIS

PREMIUM CONVENTIONAL HEAVY

B524255:LY2168

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

PCH 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

0

Source

As Received

23

Source

As Received

Gas or Condensate Project

Licence No.

2015/03/26

2015/04/28

2015/04/28

YZ ,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	0.0008	0.0003	0.0005
C3	0.0121	0.0062	0.0082
IC4	0.0494	0.0333	0.0399
NC4	0.1215	0.0819	0.0945
IC5	0.1593	0.1333	0.1438
NC5	0.1563	0.1308	0.1396
C6	0.1377	0.1376	0.1387
C7+	0.3629	0.4766	0.4348
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+		0.691		93	0.8162	0.8783	0.8569
C6+		0.722		106	0.5006	0.6142	0.5735
C7+	0.739		113	113	0.3629	0.4766	0.4348
C10+					0.0743	0.1267	0.1124
C12+					0.0009	0.0023	0.0020
TOTAL		0.674		86			

Calculated Absolute Density Total Sample: 673.4 kg/m3 @ 15°C
 Gas Equivalent Factor: 184.74 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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Well Name

Sample Point

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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	0.0008	0.0003	0.0005
Propane	-42	0.0121	0.0062	0.0082
Iso-Butane	-12	0.0494	0.0333	0.0399
n-Butane	0	0.1215	0.0819	0.0945
Iso-Pentane	28	0.1593	0.1333	0.1438
n-Pentane	36	0.1563	0.1308	0.1396
Hexanes	37-69	0.1377	0.1376	0.1387
Heptanes	70-98	0.1257	0.1363	0.1282
Octanes	99-126	0.1029	0.1281	0.1174
Nonanes	127-151	0.0600	0.0855	0.0768
Decanes	152-174	0.0485	0.0792	0.0720
Undecanes	175-196	0.0249	0.0452	0.0384
Dodecanes	197-216	0.0009	0.0019	0.0016
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	0.0001	0.0001
Octadecanes	303-317	Trace	Trace	Trace
NonaDecanes	318-331	Trace	Trace	Trace
Eicosanes	332-343	Trace	0.0001	0.0001
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	0.0001	0.0001
Octacosanes	423-432	Trace	0.0001	0.0001
Nonacosanes	433-441	Trace	Trace	Trace
triacontanes+	442-449+	Trace	Trace	Trace
Totals		1.0000	1.0000	1.0000
neoHexane	50	0.0000	0.0000	0.0000
Methylcyclopentane	70	0.0248	0.0242	0.0216
Benzene	80	0.0053	0.0048	0.0036
Cyclohexane	81	0.0196	0.0191	0.0164
Methylcyclohexane	101	0.0311	0.0355	0.0309
Toluene	111	0.0097	0.0103	0.0080
Ethylbenzene	136	0.0028	0.0035	0.0027
m&p-Xylene	139	0.0089	0.0110	0.0084
o-Xylene	144	0.0034	0.0041	0.0031
1,2,4-Trimethylbenzene	169	0.0039	0.0056	0.0043

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