



C30+ COMPOSITIONAL ANALYSIS

STATOIL CHEECHAM BLEND

B274331:EG4067

MaxxID

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

SCB 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.

2012/08/22

2012/10/18

2012/10/25

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	0.0014	0.0007	0.0009
IC4	0.0077	0.0047	0.0058
NC4	0.0572	0.0353	0.0420
IC5	0.1211	0.0928	0.1032
NC5	0.1515	0.1162	0.1278
C6	0.1754	0.1607	0.1671
C7+	0.4857	0.5896	0.5532
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+		0.700		97	0.9337	0.9593	0.9513
C6+		0.724		107	0.6611	0.7503	0.7203
C7+	0.740		114	114	0.4857	0.5896	0.5532
C10+					0.1028	0.1621	0.1469
C12+					0.0053	0.0100	0.0083
TOTAL		0.695		94			

Calculated Absolute Density Total Sample:
Gas Equivalent Factor:

694.4 kg/m3 @ 15°C
174.40 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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Sample Point

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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	0.0014	0.0007	0.0009
Iso-Butane	-12	0.0077	0.0047	0.0058
n-Butane	0	0.0572	0.0353	0.0420
Iso-Pentane	28	0.1211	0.0928	0.1032
n-Pentane	36	0.1515	0.1162	0.1278
Hexanes	37-69	0.1754	0.1607	0.1671
Heptanes	70-98	0.1660	0.1660	0.1615
Octanes	99-126	0.1317	0.1505	0.1423
Nonanes	127-151	0.0852	0.1110	0.1025
Decanes	152-174	0.0600	0.0899	0.0843
Undecanes	175-196	0.0375	0.0622	0.0543
Dodecanes	197-216	0.0042	0.0076	0.0065
Triadecanes	217-236	0.0004	0.0008	0.0006
Tetradecanes	237-253	0.0002	0.0004	0.0003
Pentadecanes	254-271	0.0002	0.0003	0.0003
Hexadecanes	272-287	0.0001	0.0003	0.0002
Heptadecanes	288-302	0.0001	0.0003	0.0002
Octadecanes	303-317	0.0001	0.0002	0.0001
NonaDecanes	318-331	Trace	0.0001	0.0001
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+	Trace	Trace	Trace
Totals		1.0000	1.0000	1.0000
neoHexane	50	0.0000	0.0000	0.0000
Methylcyclopentane	70	0.0338	0.0302	0.0277
Benzene	80	0.0077	0.0064	0.0051
Cyclohexane	81	0.0186	0.0167	0.0148
Methylcyclohexane	101	0.0315	0.0329	0.0296
Toluene	111	0.0163	0.0159	0.0127
Ethylbenzene	136	0.0040	0.0045	0.0035
m&p-Xylene	139	0.0140	0.0159	0.0126
o-Xylene	144	0.0041	0.0046	0.0036
1,2,4-Trimethylbenzene	169	0.0040	0.0053	0.0042

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