



C30+ COMPOSITIONAL ANALYSIS

MIXED SWEET BLEND

B471407:KJ1352

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

MSW 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.

2014/08/18

2014/10/03

2014/10/03

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	0.0009	0.0003	0.0006
C3	0.0213	0.0097	0.0134
IC4	0.0359	0.0215	0.0269
NC4	0.1124	0.0673	0.0811
IC5	0.0472	0.0351	0.0396
NC5	0.0624	0.0464	0.0517
C6	0.1045	0.0927	0.0977
C7+	0.6154	0.7270	0.6890
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+		0.724		105	0.8295	0.9012	0.8780
C6+		0.735		111	0.7199	0.8197	0.7867
C7+	0.744		115	115	0.6154	0.7270	0.6890
C10+					0.1372	0.2060	0.1907
C12+					0.0030	0.0056	0.0048
TOTAL		0.705		97			

Calculated Absolute Density Total Sample: 704.4 kg/m3 @ 15°C
 Gas Equivalent Factor: 171.12 m3 Gas/m3 Liquid

** Information not supplied by client -- data derived from LSD information

Results relate only to items tested

Remarks:



CRUDE QUALITY INC. C30+ COMPOSITIONAL ANALYSIS

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Operator Name

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MSW NAPHTHA IBP - 190°C

Well Name

Sample Point

MAXXAM ANALYTICS

MIXED SWEET BLEND

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	0.0009	0.0003	0.0006
Propane	-42	0.0213	0.0097	0.0134
Iso-Butane	-12	0.0359	0.0215	0.0269
n-Butane	0	0.1124	0.0673	0.0811
Iso-Pentane	28	0.0472	0.0351	0.0396
n-Pentane	36	0.0624	0.0464	0.0517
Hexanes	37-69	0.1045	0.0927	0.0977
Heptanes	70-98	0.1699	0.1643	0.1618
Octanes	99-126	0.1873	0.2056	0.1962
Nonanes	127-151	0.1210	0.1511	0.1403
Decanes	152-174	0.0947	0.1368	0.1294
Undecanes	175-196	0.0395	0.0636	0.0565
Dodecanes	197-216	0.0029	0.0052	0.0045
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	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+	0.0001	0.0004	0.0003
Totals		1.0000	1.0000	1.0000
neoHexane	50	0.0000	0.0000	0.0000
Methylcyclopentane	70	0.0298	0.0258	0.0240
Benzene	80	0.0088	0.0071	0.0057
Cyclohexane	81	0.0254	0.0221	0.0199
Methylcyclohexane	101	0.0546	0.0552	0.0503
Toluene	111	0.0245	0.0233	0.0188
Ethylbenzene	136	0.0062	0.0068	0.0055
m&p-Xylene	139	0.0242	0.0264	0.0212
o-Xylene	144	0.0084	0.0092	0.0073
1,2,4-Trimethylbenzene	169	0.0104	0.0133	0.0106

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