

PRODUCT SPECIFICATIONS

Commodity (e) : LIQUEFIED PETROLEUM GAS (LPG)

Specifications required for the LPG. 50% Propane and 50% Butane mix:

A. BUTANE

Typical	Test Unit Design	Actual	ASTM Method
Ethane	Mole%	0.08	G.C
Propane	Mole%	0.95 2 Max	G.C
Total C4	Mole%	98.3 97.5 Min	G.C
Total C3	Mole%	0.75 0.82 Max	G.C
<u>SP-GR@60/60OF</u>	To Be Reported	D-2598	
Cu Corrosion 1Hr@100 No.1	A Max	D-1838	
Total Sulphur	PPM	30 Max	Microcoulometry
H2S	PPM	Nil	D-2420
<u>VP@100</u>	PSIG	70 Max	D-2598
H2O Content	PPM	10 Max	Shaw Dew Pt
Residue PPM	0.05 Max	D-2158	

B. PROPANE

Typical	Test Unit Design	Actual	ASTM Method
Ethane Mole%	0.47Summer	0.4 Max	G.C0.509 winter
Propane Mole%	98.17Summer	98 Min	G.C98.17 Winter
Butane Mole%	1.353Summer	1.4 Max	G.C1.249 Winter
Pentane & Heavier Mole%	0.01 Max		G.C
<u>SP-GR@60/60OF</u>	to Be Reported	D-2598	
Cu Strip No.1	A Max		D-1838
Sulphur (Volatile)	PPM	30 Max	Microcoulometry
H2S	PPM	5 Max	D-2420
<u>VP@100</u>	PSIG	200 Max	D-2598
H2O Content	PPM	10 Max	D-2713

BUTANE PROPANE MIX SPECIFICATIONS

PROPANE – BUTANE GAS MIXTURE.....	LPG
MIXTURE PERCENTAGES:	
PROPANE – PROPYLENE.....	50%
BUTANE – BUTYLENES.....	50%
VAPOR.....	37.8 MAX 1380 KA
SULFUR.....	MAX 343 MG/M3
EVAPORATE WASTE MATERIAL.....	MAX 100 ML
D Ci at h.....	200,000