



ARIYAN INTERNATIONAL INC.
Bridging Businesses Together

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STANDARD SPECIFICATION OF LIQUEFIED PETROLEUM GAS (LPG)

PROPANE

| TEST ITEM | TEST METHOD | SPECIFICATION |
|---------------------------------------|---------------------------|----------------|
| Sp. Gr. 15.6/15.6 @ 60 °F | ASTM D – 2598 | To Be Reported |
| Vapor Pressure @ 100 °F (psig) | ASTM D – 1267 OR D – 2598 | Max. 200 |
| Propane Content (Vol %) | ASTM D – 2163 | Max. 96.0 |
| Ethane Content (Vol %) | ASTM D – 2163 | Max. 2.0 |
| Volatile On Residue (Butane +) (Vol%) | ASTM D – 2163 | Max. 2.5 |
| Residue On EVP. Of 100ml (ml) | ASTM D – 2158 | Max. 0.05 |
| Oil Strain Observation (ml) | ASTM D – 2158 | Pass |
| Copper Corrosion Strip | ASTM D – 1838 OR D – 5453 | No. 1 Strip |
| Sulphur Corrosion Strip | ASTM D – 1266 OR D5453 | Max. 40 |
| Hydrogen Sulphide | ASTM D – 2420 OR IP103 | Negative |
| Moisture Content | ASTM D – 2713 OR D – 1744 | Pass |

BUTANE

| TEST ITEM | TEST METHOD | SPECIFICATION |
|------------------------------------|------------------------------------|----------------|
| Sp. Gr., 15.6/15.6 @ 60 °F | ASTM D – 2598 | To Be Reported |
| Vapor Pressure @ 100 °F (psig) | ASTM D – 1267 OR D – 2598 | Max. 70 |
| Butane Content (vol. %) | ASTM D2163 | Min. 95.0 |
| Volatile Residue (Pentane+) (vol%) | ASTM D – 2163 | Max. 20 |
| Copper Corrosion Strip | ASTM D – 1838 | No. 1 Strip |
| Sulphur Content (wt%) | ASTM D – 1266 Or D – 5453 Or IP103 | Max. 80 |
| Hydrogen Sulphide | ASTM D – 2420 | Negative |
| Free Water | Visual | None |