



SPECIFICATION

BUTANE DEODORIZE

| ITEM | UNIT | TEST METHOD | SPECIFICATION | RESULT Min - Max |
|---------------------------------------|---------|-------------|---------------|---------------------|
| PHYSICAL PROPERTY | | | | |
| Ethyl Mercaptan | - | - | Non Odorized | Non Odorized |
| VOLATILITY | | | | |
| 95% Boiling Point @ 760 mmHg | deg. °C | ASTM D1837 | 2.2 Max | <1.00 |
| Vapor Pressure @ 37.8 deg. °C | Psi | ASTM D1267 | 70 Max | <68.0 |
| Specific Gravity @ 60/60 deg. °F | - | ASTM D1657 | Report | 0.57 |
| Density @ 15 deg. °C | g/ml | ASTM D1657 | Report | 0.57 |
| Average Molecular Weight | - | Calculation | Report | 58.0 |
| CLEANLINESS | | | | |
| Copper Corrosion (1 hr.@37.8 deg. °C) | - | ASTM D1838 | No.1 Max | No.1 |
| Free Water Content | - | Visual | Nil | Nil |
| Total Sulfur | wt.ppm | ASTM D6667 | 30 Max | <3.5 |
| Moisture Content | wt.ppm | ASTM D2713 | Pass | <10.0 |
| Hydrogen Sulphide | ppm | GC | 5 Max | <1.10 |
| Propane Content (C3H8) | % vol | UOP 539 | 2.0 Max | <2.0 |
| I-Butane Content (C4H10) | % vol | UOP 539 | Report | ≤30.0 |
| N-Butane Content (C4H10) | % vol | UOP 539 | Report | ≥70.0 |
| Pentane & Heaviers | % vol | UOP 539 | 1.0 Max | <0.5 |
| Total Olefin | % vol | UOP 539 | Report | <0.5 |