

**CERTIFICATE OF QUALITY**

| TEST                                       | RESULTS     | TEST METHODS |  |
|--------------------------------------------|-------------|--------------|--|
| DENSITY AT 15 DEG C, KG/L                  | 0.5079      | ASTM D-1657  |  |
| 95% EVAPORATION AT DEG F                   | -39         | ASTM D-1837  |  |
| VAPOR PRESSURE AT 37.8 DEG C, PSIG         | 177         | ASTM D-1267  |  |
| HYDROGEN SULPHIDE                          | NEGATIVE    | ASTM D-2420  |  |
| MOISTURE TEST                              | PASS        | ASTM D-2713  |  |
| RESIDUE ON EVAPORATION, ML                 | < 0.05      | ASTM D-2158  |  |
| OIL STAIN OBSERVATION                      | PASS        | ASTM D-2158  |  |
| COPPER STRIP CORROSION                     | 1           | ASTM D-1838  |  |
| SULPHUR, PPMW                              | < 15        | ASTM D-6667  |  |
| <b>COMPOSITION:</b>                        | <b>WT %</b> | ASTM D-2163  |  |
| METHANE                                    | < 0.01      |              |  |
| ETHANE                                     | 0.13        |              |  |
| PROPANE                                    | 96.46       |              |  |
| PROPYLENE                                  | < 0.01      |              |  |
| I-BUTANE                                   | 1.19        |              |  |
| N-BUTANE                                   | 0.07        |              |  |
| PENTANES & HEAVIER                         | < 0.01      |              |  |
| TOTAL UNSATURATED HC (INCLUDING PROPYLENE) | 0.01        |              |  |
| DIENES (INCLUDING 1,3-BUTADIENE)           | < 0.01      |              |  |

