|  |  |  |  |
| --- | --- | --- | --- |
| **Component / Property** | **UoM** | **Limits based on normal reference condition 25°C/0°C** | |
| **min** | **max** |
| Methane | mol% | 75 | - |
| Ethane (C2) | mol% |  | 10 |
| Propane\* (C3) | mol% |  | 3.5 |
| Butane\* (C4) | mol% |  | 1.5 |
| Pentane\* (C5) | mol% |  | 0.5 |
| Hexane\* (C6 +) | mol% |  | 0.2 |
| Nitrogen[[1]](#footnote-1) | mol% | - | 6 |
| Carbon Dioxide | mol% | - | 2.5 |
| Oxygen | mol% | - | 0.02 |
| Hydrogen Sulphide + Carbonyl Sulphide  (as sulphur) | mg/m3 | - | 5[[2]](#footnote-2) |
| Mercaptan Sulphur  (as sulphur) | mg/m3 | - | 6[[3]](#footnote-3)2 |
| Total Sulphur | mg/m3 | - | 21 |
| Water Dew Point | °C | - | -8  @70 bar-a |
| Hydrocarbon Dew Point | °C | - | -2  @(1-70) bar-a |
| Temperature | °C | - | 50 |
| Specific Gravity (SG) | - | 0.555 | 0.700 |
| Gross calorific Value (GCV) | kWh/m3 | 10.23 | 13.26 |
| Wobbe Index (WI) | kWh/m3 | 13.85 | 15.32 |

1. No gas should be refused on nitrogen content provided all other requirements are met. [↑](#footnote-ref-1)
2. Figures are indicated without post-comma digits due to analytical uncertainty. [↑](#footnote-ref-2)
3. [↑](#footnote-ref-3)