

Annex 5 Gas Quality Specification (valid for delivery from Romania to Hungary and for delivery from Hungary to Romania)

Chemical composition (in mol percent)

Methane (C ₁)	minimum	70.0
Ethane (C ₂)	maximum	10.0
Propane (C ₃)	maximum	3.5
Butane (C ₄)	maximum	1.5
Pentane (C ₅)	maximum	0.5
Hexane (C ₆₊)	maximum	0.2
Nitrogen (N ₂)	maximum	10.0
Carbon dioxide (CO ₂)	maximum	8.0
Oxygen (O ₂)	maximum	0.02

Sulphur content

Hydrogen sulphide (H ₂ S)	maximum	6.8 mg/m ³ (n)
Mercaptan sulphur (RSH)	maximum	8.0 mg/m ³ (n)
Total sulphur	maximum	100.0 mg/m ³ (n)

Gross Calorific value

minimum	10.14 kWh/m ³ (n)
maximum	12.79 kWh/m ³ (n)

Hydrocarbon dew point

No hydrocarbons shall condensate at a temperature of zero degrees Celsius (0°C) at a pressure (27.0) bar absolute.

Water dew point

Not higher than minus 8 degrees Celsius (-8°C) at a pressure of 41.0 bar absolute.

Impurities

Content of mechanic impurity: maximum 0.05 g/m³(s)

Temperature

maximum	plus 50°C
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