

Annex 5.1 – Gas Quality Specification for gas flow in direction from Ukraine to Romania

Chemical composition (in mol percent)

Methane (C ₁)	minimum	90
Ethane (C ₂)	maximum	7
Propane (C ₃)	maximum	3
Butane (C ₄)	maximum	2
Pentane (C ₅)	maximum	1
Hexane (C ₆₊)	maximum	0.2
Nitrogen (N ₂)	maximum	5
Carbon dioxide (CO ₂)	maximum	2
Oxygen (O ₂)	maximum	0.02

Sulphur content

Hydrogen sulphide (H ₂ S)	maximum	0.06 mg/m ³
Mercaptan sulphur (C ₂ H ₅ SH)	maximum	0.2 mg/m ³

Gross Calorific Value

25°C /0°C

Minimum	10.80 kWh/m ³
Maximum	11.42 kWh/m ³

Hydrocarbon dew point

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

Water dew point

Not higher than minus 8 degrees Celsius (-8°C) at a pressure of 39.2 barg

Impurities

Content of mechanic impurity: absent

Annex 5.2 – Gas Quality Specification for gas flow in direction from Romania to Ukraine

Chemical composition (in mol percent)

Methane (C ₁)	minimum	90
Ethane (C ₂)	maximum	7
Propane (C ₃)	maximum	3
Butane (C ₄)	maximum	2
Pentane (C ₅)	maximum	1
Hexane (C ₆₊)	maximum	0.2
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