

## CERTIFICATE OF QUALITY No. 02 - 20006384

In pursuance of the order received from SC RND GRIFON SRL requesting us to execute the instructions summarised as:

### SAMPLING AND ANALYSIS

of the cargo designated as:

PRODUCT DECLARED: LPG MIX  
VESSEL: GAZ Venture  
PLACE OF INSPECTION: Unicom oil Terminal Galati  
DATE OF SAMPLING: 17.11.2025

(According to client declaration)  
(Tank 2 middle point)

Sampling performed according to ASTM D1265-11  
The samples drawn was sent for analysis, in SGS Romania SA laboratory accredited ISO 17025:2018, with average results as follows:

| No. | Characteristic                           | Obtained results | MU     | Test method                     |
|-----|--|------------------|--------|---------------------------------|
| 1   | Motor octane number, MON                 | 94.6             | -      | SR EN 589+ A1:2022              |
| 2   | Total dienes content                     | <0.10            | %(m/m) | EN 27941:2000                   |
| 3   | 1,3 Butadiene                            | <0.10            | %(m/m) | DIN 51619:2004<br>SR 13594:2019 |
| 4   | Compozition:                             |                  |        |                                 |
|     | Methane                                  | <0.10            | %(m/m) | EN 27941:2000                   |
|     | Ethane                                   | 1.14             | %(m/m) |                                 |
|     | Ethylene                                 | <0.10            | %(m/m) |                                 |
|     | Propane                                  | 81.38            | %(m/m) |                                 |
|     | Propylene                                | <0.10            | %(m/m) |                                 |
|     | i-Butane                                 | 7.02             | %(m/m) |                                 |
|     | n-Butane                                 | 6.36             | %(m/m) |                                 |
|     | 1-Butene                                 | 0.86             | %(m/m) |                                 |
|     | Iso- Butene                              | 1.05             | %(m/m) |                                 |
|     | trans-2-butene                           | 1.02             | %(m/m) |                                 |
|     | cis-2-butene                             | 0.71             | %(m/m) |                                 |
|     | i-pentane                                | 0.33             | %(m/m) |                                 |
|     | n-pentane                                | <0.10            | %(m/m) |                                 |
| 5   | Hydrogen sulphide                        | Negativ          | -      | EN ISO 8819:2002                |
| 6   | Total sulphur content(after odorization) | 29               | mg/kg  | (I)ASTM D 6637:2014             |
| 7   | Cooper strip corrosion( 1 h at 40 °C)    | Class 1          | -      | *EN ISO 6251:2002               |
| 8   | Evaporation residue                      | <20.0            | mg/kg  | SR EN 15471:2008                |
| 9   | Vapour presure, gauge, at 40 °C          | 1206             | kPa    | En iso 8973:2002                |

| No. | Characteristic   | Obtained results             | MU                   | Test method                                    |
|-----|--|------------------------------|----------------------|--|
| 10  | Vapour pressure, gauge, min.200 kPa at a temperature of:<br>-for grade A<br>-for grade B<br>-for grade C<br>-for grade D<br>-for grade E | -10                          | °C<br>°C<br>°C<br>°C | SR EN ISO 8973:2002 and SR EN 589:2018+A1:2022 |
| 11  | Water content  | Pass                         | -                    | (I)EN 15469:2008                               |
| 12  | Smell  | Strong and unpleasant 20%LII | -                    | (I)EN 589pct 6.3+Anex A:2019                   |

Remarks: Density at 15°C=0.5167 g/cm3 (in accordance with SR EN ISO 8973:2002), Molecular Mass = 45.755 kg/kmol.  
 The results are attributable only to the sample tested and to the Test report no. 1580/18.11.2025  
 The samples were received in 1 metals containers with SGS seal no:4860656.  
 (\*) - Analysis subcontracted  
 (!) - Marked tests are NOT covered by RENAR accreditation.

Signed and dated in Romania  
 18.11.2025

For and on behalf of SGS Romania SA  
 Oil, Gas & Chemicals Division

Signed by:

*Sebastian Siliu*

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Signed by:



This Report refers exclusively to the state of the goods at the time and place of inspection only, which was carried out to the best of our knowledge and ability.

The Company is not responsible for those analytical results, the responsibility of which remains with the laboratory that produced those results.

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