



**LIMITED LIABILITY COMPANY  
LLC RN-BUZULUK GAS PROCESSING PLANT**

Legal address: Russia, 461040, Orenburg region, Buzuluk city, Technicheskaya str. 10.

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Production address: Russia, Orenburg region, Pervomaisky district, Zaikinskoe GPP (main stepdown substation)



**QUALITY CERTIFICATE No. 921  
Hydrocarbon liquefied fuel gas grade  
Propane technical (PT) grade GOST R 52087-2018**  
Declaration of Conformity of the EAEU No. RU D-RU.RA01.V.08071/21 is valid until 12.04.2024.

**OKPD 2 19.20.31 CUCC FEA 2711129400**

Batch No. 921

Tank No. 77459998

Net weight, t

Net volume\*, l

Date of product manufacture 30.12.2021

Date of sampling 30.12.2021

RD of the sampling method GOST 14921

Test date: 30.12.2021

Sampling and testing were carried out by PCL of RN-BGPP LLC, certificate of accreditation No. RA.RU.21HB22 dated 06.03.2018.

Item No.	Name of indicator	Testing method	The norm for the EAEU TR 036/2016	The norm according to GOST 52087-2018	Actual value
1	Octane number	Attachment B GOST EN 589	Not standardized		95.2
2	Mass fraction of components, % the amount of methane, ethane and ethylene	GOST 10679	Not standardized		0.11
	the amount of propane and propylene, min including propylene		Not standardized	75	98.90
	- the amount of butanes and butylenes		Not standardized		0.01
	the amount of unsaturated hydrocarbons		Not standardized		1.01
			Not standardized		0.01
3	Volume fraction of liquid residue at 20 °C, % , max	GOST 52087 item 8.2	1.8	1.6	less than 0.1
4	Saturated vapor pressure is excessive, MPa, at temperature: plus 45 °C, max	GOST 28656 item 2	0.013		0.003
	minus 20 °C, minimum		0.003		0.18
	minus 30 °C		Not standardized		0.11
5	Mass fraction of hydrogen sulfide and mercaptan sulfur, % , max	GOST 32918	0.013		0.004
	including hydrogen sulfide, % , max		0.003		0.0002
	Free water and alkali content	GOST 52087 item 8.2	Absence		Absence
7	Odor intensity, points, minimum	GOST 22387.5	3		3
8	Density of liquefied gas at 15°C, kg/m3	GOST 28656 item 1	Not standardized		509.08

\*The net volume (liters) of the product is calculated based on the density at 15°C

The product complies with the requirements of the EAEU TR 036/2016 "Requirements for liquefied petroleum gases for their use as fuel" as fuel for municipal and industrial consumption.

The product complies with the requirements of GOST R 52087-2018 item 4.2, Table.2 for PT grade.

The gas is odorized, yes/no - yes

The quality certificate is formed on the basis of test report No.

5225

30.12.2021

Date of issue of the quality certificate No.

921

30.12.2021



Shift Supervisor

/Signature/  
Signature

Seal:  
LIMITED LIABILITY COMPANY  
LLC RN-BUZULUK GAS PROCESSING PLANT  
For product quality documents

A. V. Shakalin  
Full name

The manufacturer guarantees that the product meets the requirements of the standard within 3 months from the date of manufacture, subject to the rules of transportation and storage.

Reprinting and copying of this certificate without the permission of LLC RN-BGPP is prohibited

the end of the quality certificate No. 921