



Limited Liability Company
Tuimazy Gas Processing Plant
452774, Republic of Bashkortostan, Tuymazinsky district,
Nurkeevo village, Promyshlennaya Street 42 tel.:(34782) 96-216, 96-160

Certificate of assessment of the state of measurements
in the laboratory No. ЦСМ РБ.ОСН.АЛ.03101
valid until 06.07.2024

QUALITY CERTIFICATE No. 20

FRACTION OF NORMAL BUTANE

TS 0272-026-00151638-99 with amendments 1-6

Date of manufacture: 21.12.2022

Test date: 21.12.2022

Place of sampling (according to GOST 14921): railway tank car: 76613868, 50532498

Batch size (mass): 116,300

Batch number: 20

1.	Hydrocarbon composition, % by weight:					
	propane, max	0.3	0.5	1.0	1.0	0.00
	isobutane, max	0.9	1.5	4.0	not standard	0.02
	the amount of butylenes, max	0.5	1.0	1.0	2.0	0.12
	normal butane, min	98.6	97.5	94.0	88.0	99.86
2.	the amount of hydrocarbons C ₅ and higher, max	0.4	0.6	2.5	5.0	0.00
	Mass fraction of hydrogen sulfide and mercaptan sulfur, % , max	0.005	0.005	0.01	0.01	0.00039
3.	Free water content	Absence				Absence
4.	Alkali content	Absence				Absence

The quality of the products corresponds to the grade "Highest" according to TS 0272-026-00151638-99 with amendments 1-6.

The manufacturer guarantees that the quality of the product meets the requirements of this Technical Specification (TS) within three months from the date of manufacture, provided that the consumer complies with the conditions of transportation and storage.

Product filling temperature (°C) – -15

The product density at the filling temperature (kg/m³) is 617

Chemical analysis laboratory assistant:
Certificate issue date: 21.01.2022

signature

G.R. Mingazova