



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. 9

ISOBUTANE FRACTION

TS 0272-025-00151638-99 with amendments 1-7

Date of manufacture: 23.12.2021

Test date: 23.12.2021

Place of sampling (according to GOST 14921): railway tank car: 57805517, 57820961.

Batch size (mass): 74760

Batch number: 9

1.	Mass fraction of components, %:					
	the amount of C1-C2 hydrocarbons	Not standardized				0.23
	propane, max	1.3	1.5	4.5	8.0	0.28
	isobutane, minimum	98.0	97.0	90.0	70.0	99.37
	the amount of butylenes, max	0.5	0.5	0.5	Not standardized	0.12
	normal butane, max	0.7	2.0	6.0	not standard	0.00
	the amount of C ₅ hydrocarbons and higher, maximum	Absence	Absence	0.5	1.0	Absence
2.	Mass fraction of hydrogen sulfide and mercaptan sulfur, % , max	0.005	0.005	0.005	0.01	0.0012
3.	Free water and alkali content	Absence				Absence

The quality of the products corresponds to the grade "Higher" according to TS 0272-025-00151638-99 with amendments 1-7

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) – -16

The density of the product at the filling temperature (kg/m³) - 599

Chemical analysis laboratory assistant:

signature

G.R. Mingazova

Certificate issue date: 24.12.2021