



Branch of a public joint stock company
Bashneft Joint-Stock Oil Company Bashneft-UNPZ
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Testing Center - Quality Control Division (PCL)
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CERTIFICATE No. 7655
Butane-butylene fraction of the grade A TS 0272-027-00151638-99

Designation of documents that establish requirements for products:
TS 0272-027-00151638-99 "Butane-butylene fraction. Specifications"

OKPD Code 2: 19.20.31

Batch number: 7655 Date of manufacture: 29.12.2021

Batch size (mass): 47.240 t

Sampling location (according to GOST 14921-2018): tank No. 16/3

Date of sampling: 29.12.2021

Test date: 29.12.2021

The certificate was issued on the basis of the test report dated 29.12.2021 No.7655

Name of the indicator	Testing method	Norm according to TS 0272-027-00151638-99	The actual value
1. Mass fraction of components, %: the amount of C3 hydrocarbons the amount of butylenes the amount of C5 hydrocarbons and higher	GOST 10679-2019	maximum 0.5 minimum 40.0 maximum 1.0	Less than 0.010 54.65 0.10
2. Mass fraction of hydrogen sulfide and mercaptan sulfur, %	GOST 22985-2017	maximum 0.015	0.0006
3. Free water and alkali content	As per Item 5.2 TS 0272-027-00151638-99	Absence	Absence

Conclusion: Butane-butylene fraction of the A TS grade 0272-027-00151638-99

Meets the requirements:

- TS 0272-027-00151638-99 "Butane-butylene fraction. Specifications".

Additional information:

- aggregate state at a temperature of 20°C and a pressure of 760 mmHg. - gaseous;

- transportation and storage according to GOST 1510-84;

- the manufacturer branch of PJSC ANK Bashneft Bashneft-UNPZ guarantees that the quality of the butane-butylene grade A fraction meets the requirements of TS 0272-027-00151638-99 if the consumer complies with the conditions of transportation and storage according to GOST 1510-84 within three months from the date of manufacture

- safety data sheet No. 67827826.19.64722.

Stamp here

Chemical Analysis Laboratory assistant (shift supervisor)
Certificate issue date 29.12.2021

signature

E.A. Yanduganova

Round stamp:

/ Branch of a public joint stock company

/illegible/.

BASHNEFT_UNPZ IC-QCD

For IC-QCD product certificates /