



Joint Stock Company Angarsk Petrochemical Company
Legal address:
665800, Irkutsk region, Angarsk, Pervyi industrial area, block 63, bld. 2
Place of manufacture:
Irkutsk region, Angarsk city
e-mail: delo@anhk.rosneft.ru. tel. (3955) 578-404; 577-002

Certificate of Quality Management System ISO 9001:2015 № 19.2132.026
Certificate validity period: until 14.11.2022
ISOATS 29001:2010 № 19.2140.026
Certificate validity period: until 14.11.2022

Testing Center - Quality Control Division
Joint Stock Company Angarsk Petrochemical Company
665830, Irkutsk region, Angarsk, territory of JSC Angarsk Petrochemical Company
e-mail: of61@anhk.rosneft.ru. Tel. (3955) 575-423

CERTIFICATE No. 25 Butane-butylene fraction of grade B

Documents establishing requirements to products:
TS 0272-027-00151638-99 "Butane-butylene fraction. Specifications"
OKPD Code 2 19.20.31
Batch number: 25
Date of manufacture: 31.07.2021
Batch size (mass): 43.220 t
Sampling site (according to GOST 14921-2018): Tank No. E-14
Date of sampling: 31.07.2021
Test date: 31.07.2021
The certificate was issued on the basis of test results dated 31.07.2021 No. 3478-250102/PC

No.	Name of the indicator	Test method	Norm according to GOST 8050-85	Actual value
1	Mass fraction of components, %:			
	the amount of C3 hydrocarbons	GOST 10679-2019	minimum 3.0	0.4
	the amount of butylenes	GOST 10679-2019	minimum 35.0	42.8
	the amount of C5 hydrocarbons and higher	GOST 10679-2019	minimum 3.0	Less than 0.1
2	Mass fraction of hydrogen sulfide and mercaptan sulfur, %	GOST 22985-2017	maximum 0.02	0.0023
3	Free water and alkali content	TS 0272-027-00151638-99, item 5.3 5.2	Absence	Absence

Conclusion: Butane-butylene fraction, grade B **meets the requirements:**
- TS 0272-027-00151638-99 "Butane-butylene fraction. Specifications"

Additional information:

Transportation and storage of butane-butylene fraction according to GOST 1510. The manufacturer of JSC ANKHK guarantees that the quality of the butane-butylene fraction meets the requirements of TS 0272-027-00151638-99, subject to the conditions of acceptance, transportation and storage according to GOST 1510 within 3 months from the date of manufacture.
Safety Data Sheet No. 05742746.19.61676

Stamp here

Shift Supervisor /signature / S.A. Andrusenko

Certificate issue date: 31.07.2021

Round stamp:
/ ANGARSK PETROCHEMICAL COMPANY JSC
For product certificates 5 /

Rectangular stamp:
/ Accepted for shipment
by the Logistics Department of
RN-TRANS JSC





РОСНЕФТЬ

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Appendix to Certificate No. 25 dated 31.07.2021
Butane-butylene fraction of grade B
TS 0272-027-00151638-99 "Butane-butylene fraction. Specifications"

Item No.	Designation of a legislative act, regulatory document or set of rules	Information required for the product description		
		Name of the indicator	Testing method	The actual value
1	Tax Code of the Russian Federation, Article 181, sub-item 11	The aggregate state at 20 °C and a pressure of 760 mm Hg.	-	gaseous
		Process name	-	

Shift Supervisor /signature / S.A. Andrusenko