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Branch of a public joint stock company
Bashneft Joint-Stock Oil Company Bashneft-UNPZ
Legal address:
Russian Federation, 450077, Republic of Bashkortostan, Ufa, Karl Marx Str., 30, bld. 1
Production address:
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Testing Center – Quality Control Division (PCL)
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APPENDIX TO CERTIFICATE No. 11544
Petroleum benzene, grades for synthesis of the highest grade in accordance with
GOST 9572-93

Item No.	Legislative act, regulatory document or code of practice	Information required for the product description		
		Name of the indicator	Testing method	Actual value
1.	Tax Code of the Russian Federation, Article 181, sub-point 10, 12	Density at 20 °C, g/cm ³	GOST-3900-85	0.8790
		Mass fraction of benzene, %	GOST-2706.2-74	99.9
		The aggregate state at a temperature of 20 °C and a pressure of 760 mm Hg.		liquid

L.S. Chemical Analysis Laboratory assistant (shift supervisor)
Certificate issue date: December 01, 2021

_____ T.V. Tereshchenko



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QUALITY CERTIFICATE No. 11544
Petroleum benzene, grades for synthesis of the highest grade in accordance with GOST 9572-93

Documents establishing technical specifications for the products:

GOST 9572-93 "Petrobenezene. Specifications"

OKPD 2 Code 20.14.12.133
Batch number: 11544
Date of manufacture: December 01, 2021
Batch size (mass): 1082.00 t
Sampling site (according to GOST 2517-2012): Tank No. 1544
Filling level: 432 cm.
Date of sampling: December 01, 2021
Test date: December 01, 2021

The certificate was issued on the basis of the test report dated

December 01, 2021 No. 11544

Name of the indicator	Testing method	Norm As to GOST 9572-93	The actual value
1. Overall view and color	GOST-2706.1-74	transparent liquid, free of impurities and water, not darker than a solution of 0.003 g $K_2Cr_2O_7$ in 1 dm ³ of water	compliant
2. Density at 20 °C, g/cm ³	GOST 3900-85 and clause 4.2 GOST 9572-93	0.878–0.880	0,8790
3. Distillation limits 95 % (including boiling point of pure benzene, 80.1 °C), °C	GOST-2706.13-74	not more than 0.6	0.6
4. Freezing point, °C	GOST-2706.12-74	not lower than 5.35	5.49
5. Mass fraction of base substance, %	GOST-2706.2-74	minimum 99.7	99.9
6. Mass fraction of impurities, % n-heptane methylcyclohexane + toluene methylcyclopentane	GOST-2706.2-74	not more than 0.06 not more than 0.13 not more than 0.08	less than 0.01 less than 0.01 less than 0.01
7. Sulphuric acid color, standard scale number	GOST-2706.3-74	not more than 0.1	0.05
8. Mass fraction of total sulphur, %	GOST-13380-81	not more than 0.00010	0.00002
9. Reaction of aqueous extract	GOST-2706.7-74	neutral	neutral

Conclusion: Petroleum benzene, grades for synthesis of the highest grade in accordance with GOST 9572-93

Conform to requirements

- GOST 9572-93 "Petrobenezene. Specifications".

Additional Information:

- Transportation and storage according to GOST 1510-84.
- the manufacturer, a branch of PAO ANK Bashneft, Bashneft-Ufaneftekhim, guarantees that the quality of petroleum benzene, grade for synthesis of the highest grade, meets the requirements of GOST 9572-93, subject to the conditions of transportation and storage in accordance with GOST 1510-84, within 6 months from the date of manufacture;
- safety data sheet No. 67826502.20.59470.

L.S. Chemical Analysis Laboratory assistant (shift supervisor)
Certificate issue date: December 01, 2021

T.V. Tereshchenko