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Production address:

Russian Federation, 150023, Yaroslavl Region, Yaroslavl, Moskovsky Prospekt 150

Certificate of conformity of the Quality Management System Certificate

ISO 9001:2015 No.: 20.1994.026, valid until January 11, 2024

QUALITY CERTIFICATE No. 105

Petrobenzene for synthesis, premium

Documents that establish technical specifications to the products:

GOST 9572-93 Petrobenzene. Technical requirements

OKPD code 2 20.14.12.133

Batch number:

89

Date of manufacture:

May 03, 2021

Batch size (mass):

295 t

Sampling site (according to GOST 2517):

639

Date of sampling

May 03, 2021

Test date

May 03, 2021



2008

No.	Name of the indicator	Testing method	GOST 9572-93 Standard	The actual value
1.	Overall view and color	GOST-2706.1-74	Transparent liquid that does not contain foreign impurities and water, not darker than a solution of 0.003 g of K ₂ Cr ₂ O ₇ in 1 dm ³ of water	<i>compliant</i>
2.	Density at 20 °C, kg/cm ³	GOST 3900-85 and clause 4.2 GOST 9572-93	0.878–0.880	0.879
3.	Distillation limits 95 % (including boiling point of pure benzene, 80.1 °C), °C	GOST-2706.13-74	not more than 0.6	0.3
4.	Freezing point, °C	GOST-2706.12-74	not lower than 5.35	5.35
5.	Mass fraction of base substance, %	GOST-2706.2-74	minimum 99.7	99.96
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	0.01 0.01 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	Less than 0.0001
9.	Reaction of aqueous extract	GOST-2706.7-74	neutral	<i>neutral</i>

Conclusion: Premium petrobenzene for synthesis **meets the technical specifications of**

GOST 9572-93 Petrobenzene. Technical requirements

Additional Information:

- is not a middle distillate – mass fraction of toluene $\geq 85\%$;
- transportation and storage – according to GOST 1510;
- the warranty period of storage is 6 months from the date of manufacture

Head of the Control Laboratory

/signature/

O.E. Romashova

Head of the Laboratory of Entrance Control and Gas Analysis

/signature/

S.V. Usanova

/signature/

L.O. Artemenkova

Laboratory assistant

May 03, 2021

L.S.

Passport issue date

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