



QUALITY CERTIFICATE No. 2

Ethylbenzene fraction

STO (Industry standard) 91051486-001-2011 with amendment No. 1

EXPORT

Date of manufacture August 18, 2021 **Product vessel No.** 43
Date of sampling: August 18, 2021 **NET weight:** 57,150 kg
Test date: August 18, 2021 **Rail tank car No.** 76784917

The tests were carried out at the Test Center – Quality Control Department of JSC NNK
Certificate of accreditation No. ROSS RU.0001.515720 Date of entry of information into the register of accredited entities
July 29, 2015.

Item No.	Name of the indicator	Norm	Actually	Testing method
1	Fractional composition - The end of boiling, °C - volume fraction of residue and losses during fractional distillation, %	not higher than 200 not more than 2	154 1	GOST 2177-99 (method A)
2	Content of water soluble acids and bases	Absence	Absence	GOST-6307-75
3	Content of mechanical impurities and water	Absence	Absence	Industry Standard 91051486-001- 2011 cl. 7.3
4	Acidity, mg KOH/100 ml	not more than 2	Absence	GOST-5985-79
5	Content of actual resins, mg/100 cm ³ of fraction	not more than 6	1	GOST-1567-97
6	Copper strip test	Sustains	Sustains	GOST-6321-92

Conclusion: The ethylbenzene fraction meets the requirements:

- STO (Industry standard) 91051486-001-2011 with amendment No. 1

Additional Information:

The ethylbenzene fraction is used for the production of ethylbenzene and aromatic solvents

The manufacturer guarantees the product quality conformance with this standard, subject to meeting the terms and conditions of transportation and storage.

The warranty period of storage is 1 years from the date of manufacture

L.S.
/stamp /Russian Federation* Samara Region*
Novokuibyshevsk , Joint Stock Company
“Novokuibyshevsk Petrochemical Company”
For documents*/

Specialist

/signature/
(signature)

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(surname, initials)

August 19, 2021