Novokuibyshevsk Petrochemical Company Joint Stock Company
Russian Federation, Samara Region, Novokuibyshevsk
Email address: nnk@nnk.rosneft.ru tel. (84635) 3-02-20
Quality Management System certificate of compliance with ISO 9001:2015 No. 31100975QM15 specifications. Certificate validity period: through 27.09.2024

ROSNEFT

QUALITY CERTIFICATE No. 22

Aromatic solvent

Industry standard 91051486-009-2012 with amendment 1

Date of manufacture	30.11.2021	**Product vessel No.**	47
Date of sampling	30.11.2021	**Net weight**	59,850 kg
Test date	30.11.2021	**Rail tank car No.**	73974370

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 information entry into the register of accredited entities July 29, 2015.
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Item No.	Indicator	Standard	Actual	Test method
1	Overall view	Colorless to slightly yellow transparent liquid with no mechanical impurities	Colorless transparent liquid with no mechanical impurities	GOST 2706.1-74 p.1
2	Density at 20 °C, g/cm^3	0,850-0,865	0,863	GOST 18995.1-73 Method 1
3	Fractional composition: - Initial boiling point, °C - final boiling point, °C - distilled under 200^0, %	 not lower than 150 not higher than 200 no less than 90	 165 183 99	GOST 2177-99, Method A
4	Bromine number, g/100 cm^3	no more than 1	0.12	GOST 2706 I-74
5	Water content	absent	absent	GOST 2706.1-74 p. 1.2
6	Evaporation, min	20-45	20	Industry Standard 91051486-009-2012 p.7.8

Note: Indicator for p. 6 is not included in the scope of accreditation of the Test Center - Quality Control Department of JSC NNK

Conclusion: Aromatic solvent meets the requirements of:

- Industry standard 91051486-009-2012 with amendment No. 1

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 6 months from the date of manufacture

Specialist /signature/ O.S. Feklina
(signature) (last name, initials)

L.S.
/seal /Russian Federation* Samara Region*
Novokuibyshevsk , Joint Stock Company "Novokuibyshevsk Petrochemical Company "
For documents*/

Certificate issue date 30.11.2021

EXAMPLE