



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
E-mail: delo@anhk.rosneft.ru, tel.(3955) 578-404; 577-002

Quality Management System certificate ISO 9001:2015 № 19.2132.026
Certificate validity period: through 14.11.2022
ISO/TS 29001:2010 No. 19.2140.026
Certificate validity period: through 14.11.2022

Test 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

QUALITY CERTIFICATE No. 39 Technical-grade monomethylamine

Documents establishing products specifications:

GOST 6-02-639-77 "Technical-grade monomethylamine. Technical specifications"

OKPD2 code 20.14.41 110

Batch number: 39

Date of manufacture: 21.07.2021

Batch size (mass): 29.244 t

Sampling site (according to GOST 14921-2018): Tank No. E-37/2

Date of sampling: 21.07.2021

Test date: 21.07.2021

The certificate was issued on the basis of test results dated 21.07.2021 No. 3296-250102/ПК



No.	Indicator	Technique tests	TU 6-02-639-77 standard	Actual value
1	Mass content of monomethylamine, %	MI № 468-2011	no less than 99.2	99.66
2	Mass fraction of hexavalent chromium expressed as hexavalent chromium oxide, %	MI № 468-2011	no more than 0.3	0.022
3	Mass fraction of ammonia, %	MI № 468-2011	no more than 0.1	0.038
4	Mass fraction of water, %	MI № 469-2011	no more than 0.4	0.28

Conclusion: Technical-grade dimethylamine **meets the technical specifications of:**

-GOST 6-02-639-77 "Technical-grade monomethylamine. Technical specifications"

Additional Information:

Transportation and storage - according to TU 6-02-639-77

The manufacturer, JSC Angarsk Petrochemical Company, guarantees technical-grade monomethylamine quality conformance with TU 6-02-639-77, subject to operation, transportation and storage terms and conditions according to TU 6-02-639-77, for 3 months of the date of manufacture.

- Safety Data Sheet No. 05742746.20.58466

Shift Supervisor

/signature/ S.A. Andrusenko

Certificate issue date 21.07.2021

L.S.

Accepted for shipment by the
Logistics Support Department
JSC RN-TRANS

/ barcode /

/ Stamp/: for product certificates 5 * JSC Angarsk Petrochemical Company



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Appendix to Certificate No. 39 dated 21.07.2021
Technical-grade monomethylamine

GOST 6-02-639-77 "Technical-grade monomethylamine. Technical specifications"

No.	Legislative act, regulatory document or set of rules	Information required for the product description		
		Indicator	Test method	Actual value
1	Tax Code of the Russian Federation, Article 181, sub-point 11	The aggregate state at 20 °C and under the pressure of 760 mm Hg.		gaseous
		Process name	-	

Shift Supervisor /signature / S.A. Andrusenko