



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

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

Testing 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

## CERTIFICATE No. 160 Technical-grade dimethylamine

Documents establishing requirements to products:  
GOST 9967-74 "Technical-grade dimethylamine. Specifications"  
OKPD code 2 20.14.41.110  
Batch number: 160  
Date of manufacture 30.11.2021  
Batch size (mass): 36.944 t  
Sampling site (according to GOST 14921-2018): Tank No. E-2  
Date of sampling: 30.11.2021  
Test date: 30.11.2021  
The certificate was issued on the basis of test results dated October 30, 2021 No. 5492-250102/PC

No.	Indicator	Testing method	The norm according to GOST 9967-74	The actual value
1	Mass content of dimethylamine, %	GOST 9967-74 p.3.2	no less than 99.2	99.894
2	Mass content of dimethylamine, %	GOST 9967-74 p.3.2	no more than 0.3	0.004
3	Mass fraction of dimethylamine, %	GOST 9967-74 p.3.2	no more than 0.3	0.002
4	Mass fraction of ammonia, %	GOST 9967-74 p.3.2	absence	absence
5	Mass fraction of water, %	GOST 9967-74 p.3	no more than 0.2	0.10

**Conclusion:** Technical-grade dimethylamine **meets the specifications:**  
- GOST 9967-74 "Technical-grade dimethylamine. Technical specifications"

**Additional Information:**

Transportation and storage - according to GOST 9967.  
The manufacturer, JSC Angarsk Petrochemical Company, **guarantees** technical-grade dimethylamine quality conformance with GOST 9967-74, subject to transportation and storage conditions according to GOST 9967-74, for 3 months of the date of manufacture.  
- safety data sheet No. 05742746.20.70217  
**- Danger! Caution Poison!**

Shift Supervisor

/signature/

D.S. Aikin

Certificate issue date: 30.11.2021

L.S.

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

/ barcode /

/ seal/ JSC Angarsk Petrochemical Company/  
for product quality certificates 5 \*



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**Appendix to Quality Certificate No. 160 dated 30.11.2021**  
**Technical-grade dimethylamine**  
GOST 9967-74 "Technical-grade dimethylamine. Technical specifications"

Item No.	Legislative act, regulatory document or code of practice	Information required for the product description		
		Indicator	Testing method	Actual value
1	Tax Code of the Russian Federation, Article 181, item 11	The aggregate state at 20 °C and under a pressure of 760 mm Hg.		gaseous
		Process	-	

Shift Supervisor

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D.S. Aikin