



Angarsk Petrochemical Company Joint-Stock Company
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 Irkutsk region, Angarsk
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ISO 9001:2015 Quality Management System Certificate No. 19.2132.026
 Certificate is valid until: 14.11.2022
 ISO/TS 29001:2010 NO. 19.2140.026
 Certificate is valid until: 14.11.2022

Testing Center - Quality Control Division
 Angarsk Petrochemical Company Joint-Stock Company
 665830, Irkutsk region, Angarsk, the territory of JSC ANHK
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CERTIFICATE No. 2

Dimethylamine aqueous solution of the highest grade

Designation of documents establishing requirements for products:
 STO 05742746-007-2012 "Dimethylamine aqueous solution.
 Technical Specifications"
 OKPD2 code 20.14.41.110
 Batch No.: 2
 Date of production: **20.12.2018**
 Size (weight) of the batch: 41.953 t
 Place of sampling (under MI 465-2012): Tank No. E-4
 Sampling date: 20.12.2018
 Date of testing: 20.12.2018
 The certificate is issued on the basis of: the test report of 20.12.2018 no. 3939-250102/PK

No.	Indicator Name	Method of testing	Standard acc. to STO 05742746-007-2012	Actual Value
1	Appearance	visually	colorless solution	Colorless transparent liquid
2	Mass fraction of dimethylamine,%:	MI No. 465-2012		
	from April 1 to October 1		within 21-29	-
	from October 1 to April 1		within 41-49	41
3	Mass fraction of monomethylamine in terms of anhydrous amines,%	MI No. 465-2012	0.3 max	0.2
4	The total fraction of monomethylamine and trimethylamine in terms of anhydrous amines,%	MI No. 465-2012	0.6 max	0.4
5	Mass fraction of ammonia	MI No. 465-2012	absence	absence

Conclusion: Dimethylamine aqueous solution of the highest grade meets the requirements:
 - STO 05742746-007-2012 "Dimethylamine aqueous solution. Technical Specifications"

Additional information:

Supplied in rail tank cars No. 832, ammonia type, gasoline or reconstructed gasoline. Transported by rail in accordance with the "Regulations for transportation of dangerous goods by rail".

The manufacturer guarantees the compliance of the quality of dimethylamine aqueous solution with the requirements of this standard, provided the conditions of transportation and storage.

- HIGHLY FLAMMABLE! Poisonous! "