



Branch of the Public Joint Stock Company
Joint Stock Oil Company Bashneft, Bashneft-Ufaneftekhim
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Testing Center - Quality Control Division (Central Plant Laboratory)
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CERTIFICATE No. 5235

Sulfur technical gas granular grade 9998, grade A, TS 2112-002-05766540-2008

Designation of documents establishing requirements for products:

TS 21.12-002-05766540-2008 "Technical gas and granulated sulfur Technical Specifications"

OKPD2 code : **20.13.66.120**

Batch No.: **5235**

Date of production: 03.07.2020

Size (weight) of the batch: 178,000 t

Place of sampling (under Cl.5 of TS 2112-002-05766540-2008): Bag weighing and packaging unit

Sampling date: 03.07.2020

Date of testing: 03.07.2020

The certificate is issued on the basis of: test report of

03.07.2020**No.5235**

Indicator Name	Test method	Standard acc. to TS 2112-002-05766540-2008	Actual value
1. Mass fraction of sulfur, %	Cl.2 GOST 127.2-93	99,98 min	99,98
2. Mass fraction of ash, %	Cl.3 GOST 127.2-93	0,02 max	0.008
3 Mass fraction of organic substances,%	Cl.5.3 GOST 127.2-93	0,01 max	0.006
4 mass fraction of acids in terms of sulphuric acid, %	Cl.4 GOST 127.2-93	0,0015 max	0,0012
5 Mass fraction of water, %	Cl.12 GOST 127.2-93	0.2 max	0.019
6. Mechanical impurities (paper, wood, sand, etc.)	visually	not allowed	absence
7 Appearance	visually	hemispherical granules	-
8 Mass fraction of granules with a diameter of 2.0-6.0 mm,%	Cl.6.2 TS 2112-002-05766540-2008	92 min	98,3
9 Tamped density, g/cm ³	Cl.6.3 TS 2112-002-05766540-2008	1100 min	12.56,4

Conclusion: Sulfur technical gas granular grade 9998, grade A, TS 2112-002-05766540-2008

is compliant with the requirements:

TS 2112-002 05766540-2008 "Technical gas and granulated sulfur Technical Specifications"

ADDITIONAL INFORMATION

-aggregate state at a temperature of 20 ° C and a pressure of 760 mm Hg - solid;

-Transportation and storage according to TS 2.112-002.-05766540-2008;

- the manufacturer, Bashneft-Ufaneftekhim - a branch of PJSC ANK Bashneft, guarantees that the quality of granular sulfur meets the requirements of TS 2112.-002-05766540- 2008, subject to the rules of transportation and storage for 12 months from the date of shipment;

- Safety Data Sheets No. 67826502.21.40764