



Branch of the Public Joint Stock Company
Joint Stock Oil Company Bashneft, Bashneft-Novoil
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CERTIFICATE No. 3851

Technical lump gas sulfur of grade 9950, GOST 127.1-93

Designation of documents establishing requirements for products:

GOST 127.1-93 "Technical sulfur. Technical Specifications"

OKPD2 code: **20.13.66.120**

Batch No.: 3,851

Date of production: 24.07.2020

Size (weight) of the batch: 127,938 t

Place of sampling (under GOST 127.3-93): open cars

Sampling date: 24.07.2020

Date of testing: 24.07.2020

The certificate is issued on the basis of: test report of 24.07.2020 **No.3851**

Indicator Name	Test method	Norm under GOST 127.1-93	Actual value
1. Mass fraction of sulfur, %	Cl.2 GOST 127.2-93	Not less than 99,50	99,6343
2. Mass fraction of ash, %	Cl.3 GOST 127.2-93	0.2 max	0,17
3 Mass fraction of organic substances,%	Cl.5.3 GOST 127.2-93	0,25 (max)	0.19
4; mass fraction of acids in terms of sulphuric acid, %	Cl.4 GOST 127.2-93	0,01 max	0,0057
5 mass fraction of arsenic, %	Cl.6 GOST 127.2-93	0,000 (max)	—
6. Mass fraction of selenium, %	Cl.7 GOST 127.2-93	0,000 (max)	—
7 Mass fraction of water, %	Cl.12 GOST 127.2-93	0.2 max	0.68
8 Mechanical impurities (paper, wood, sand, etc.)	cl. 4.3 GOST 127.1-93	not allowed	absence

Conclusion: Technical lump gas sulfur of grade 9950, GOST 127.1-93 complies with the requirements:

- GOST 127.1-93 "Technical sulfur. Technical Specifications";

Additional information:

- the mass fraction of arsenic and selenium in natural sulfur, obtained from native sulfur ores and in gas sulfur, obtained by the purification of natural gases, as well as waste gas from oil refining, is not determined;
- in lump sulfur, an increase in the mass fraction of water up to 2% is allowed with recalculation of the actual mass of the lot to normalized humidity;
- aggregate state at a temperature of 20 ° C and a pressure of 760 mm Hg - solid;
- transportation and storage - according to GOST 127.1-93.
- the manufacturer, Bashneft-Novoil - a branch of PJSC ANK Bashneft, guarantees that the quality of technical sulfur meets the requirements of GOST 127.1-93, subject to observance of the conditions of transportation and storage within 1 year from the date of shipment;
- Safety Data Sheets No. 67826761.02,40813.