

LIMITED LIABILITY COMPANY

RN-Buzuluk Gas Processing Plant

Legal address of the plant: 461040, Orenburg region, Buzuluk, Technicheskaya St., 10
Tel: (35342)39-601, fax (35342) 39-602, e-mail: bgpp_priemnaya@rosneft.ru
Address of production: Russia, Orenburg region., Grachevsky district, vil. Pokrovka (Novonikolsky s / s), Promzemlya 101

QUALITY CERTIFICATE NO.11 Technical lump gas sulfur, grade 9995 GOST 127.1-93

OKPD-2 code 20.13.66.120:

Batch No.11 Product manufacturing date 03.08.2020

Shipment date Sampling date 03.08.2020
Net weight, t ND of the sampling method GOST 127.2

TS No. Date of testing: 07.08.2020

Sampling and tests were carried out by the Chemical Laboratory of RN-BGPP LLC, accreditation certificate No. RA.RU.2111B73 dated 05.04.2018

| Item No. | Parameter name | Test methods | Standard for grade | | | | | Actually** |
|----------|--|-----------------------|--------------------|-------|-------|-------|-----------------|----------------|
| | | | 9998 | 9995 | 9990 | 9950 | 9920 | Actually |
| 1. | Mass fraction of sulfur*, %, min | GOST 127.2-93 cl. 2 | 99,98 | 99,95 | 99,90 | 99,50 | 99,20 | 99,97 |
| 2. | Mass fraction of ash*, %, (max) | GOST 127.2-93 cl. 3 | 0.02 | 0.03 | 0.05 | 0,2 | 0.4 | 0,010±0,002 |
| 3 | Mass fraction of organic substances*, %, (max) | GOST 127.2-93 cl. 3 | 0.01 | 0.03 | 0.06 | 0.25 | 0,5 | 0,012±0,002 |
| 4 | Mass fraction of acids in terms of sulphuric acid*, % (max) | GOST 127.2-93 cl. 4 | 0,0015 | 0,003 | 0.004 | 0.01 | 0.02 | 0,0031 ±0,0002 |
| 5 | Mass fraction of water, %, (max) | GOST 127.2-93 cl. 5.3 | 0,2 | | | | $0,009\pm0,050$ | |
| 6. | Mechanical impurities (paper, wood, sand, etc.) | visually | Not allowed | | | | Absence | |

^{*}Standards for indicators 1-4 are given in terms of dry basis

The product meets the requirements of GOST 127.1, cl. 1, tab. 1 for grade 9995

The Quality Certificate is formed on the basis of test report No. 3990 dated 07.08.2020

Issue date of the Quality Certificate No. 11 07.08.2020

The manufacturer guarantees the quality of product meets the requirements of GOST within one year from the date of shipment, subject to the rules of transportation and storage.

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End of the Quality Certificate No.11

^{**} The test result is obtained as the average between two parallel determinations.