



Joint Stock Company Syzran Oil Refinery  
Legal address and production site address:  
Russian Federation, 446029, Samara region, Syzran, str. Astrakhanskaya, 1  
e-mail: sekr@snpz.rosneft.ru, tel.: 8(8464) 97-91-10

Quality management system certificate for compliance with the requirements of ISO 9001:2015  
No. RU003488 Certificate validity period: until 24.11.2023

Oil and Petroleum Products Testing Center of an oil refinery  
Sulfuric Acid Testing Laboratory  
446029, Samara region, Syzran, st. Astrakhanskaya, 1,  
Joint Stock Company Syzran Oil Refinery  
e-mail: sekr@snpz.rosneft.ru, tel.: 8(8464) 98-81-10

### QUALITY CERTIFICATE No. 325

### Sulfuric acid contact technical grade 2 As to GOST 2184-2013

Document establishing product specifications:  
GOST 2184-2013 "Sulfuric acid. Specifications".  
OKPD2 code 20.13.24.122

Batch number: 325

Date of manufacture: 12 February, 2022

Batch size (mass): 846.000 t

Sampling location (according to GOST 2184-2013): tank No. 501/4

Filling level: 8.000 m

Date of sampling: 12 February, 2022

Test date: 12 February, 2022

The certificate was issued on the basis of the test report: No. 325 dated February 12, 2022.

Name of the indicator	Testing method	GOST 2184-2013 Standard	Actual [VALUE]
1. Mass fraction of monohydrate (H <sub>2</sub> SO <sub>4</sub> ), %	cl. GOST-7.3	no less than 92.5*	94.8
2. Mass fraction of iron, %	cl. 7.4 GOST 2184-2013	no more than 0.1	0.005

**\* Note No. 2 GOST 2184-2013**  
In the period from April 15 to November 1, it is allowed to supply contact technical sulfuric acid produced by the wet catalysis method with a mass fraction of monohydrate of at least 90%.

**Conclusion:** Sulfuric acid contact technical grade 2 **meets the requirements:**

- GOST 2184-2013 "Technical sulfuric acid. Specifications".

**Additional Information:**

- transportation and storage - according to GOST 2184-2013.
- warranty period of storage - one month from the date of shipment;
- safety data sheet RPB No. 05766586.20.68137. Valid until 04 July 2024

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L.S.  
STANDARD

**Shift supervisor (of shop No. 4)**  
(Power of attorney No. 98 dated 31.12.21)  
Passport issue date 12.02.2022

Seal/Shift Supervisor (production No. 4)  
Pyanykh O.V.

/seal/ Joint Stock Company "Syzran Oil Refinery" \*Russian Federation Samara region Syzran city\* For shipping documents