



## QUALITY CERTIFICATE No. 2477

### Technical and synthetic phenol Grade A GOST 23519-93

**Date of manufacture** 31.12.2021 **Product tank No.** IB  
**Date of sampling** 31.12.2021 **Net weight** 23,513 kg  
**Test date** 31.12.2021  
**Container No.** IBMU2550622  
**Platform No.** 95469995

The tests were carried out at the Test Center - Quality Control Department of JSC PIK  
Certificate of accreditation No. ROSS RU.0001.515720. Date of information entry into the register of accredited entities July 29, 2015.

Item No.	Name of the indicator	Norm	Actual	Testing method
1	Overall view	White crystalline substance	White crystalline substance	GOST 23519-93, cl. 6.3
2	Freezing point, °C	not lower than 40.7	40.7	GOST 18995.5-73, section 1
3	Mass fraction of non-volatile residue, %	no more than 0.001	0.001	GOST 27026-86
4	Optical density of phenol water solution at 20 °C 8.3 g in 100 cm <sup>3</sup> of water	no more than 0.03	0.02	GOST 23519-93, cl. 6.6
5	Optical density of sulfonated phenol	no more than 0.05	0.04	GOST 23519-93, cl. 6.7
6	Chromaticity of phenol melt according to the platinum cobalt color scheme, Hazen units: - at the manufacturer	maximum 5	4	GOST 23519-93, cl. 6.8
7	Mass fraction of water, %	maximum 0.03	0.02	GOST 23519-93, cl. 6.9
8	Mass fraction of total organic impurities, %, including mesityl oxide, % total of <i>o</i> -methylstyrene and isopropylbenzol (cumene). %	not more than 0.01 not more than 0.0015 not standardized	0.01 less than 0.0003 less than 0.001	GOST 23519-93, cl. 6.10

Conclusion: Technical and synthetic phenol, Grade A, meets the requirements of

GOST-251993

The manufacturer guarantees the product quality conformance with this standard, subject to meeting the terms and conditions of transportation and storage.

Warranty storage period is 1 month from the date of manufacture

Specialist

\_\_\_\_\_  
*signature*  
(signature)

I.I. Krylova  
(surname, initials)

Stamp here

**Stamp:** For documents  
Novokuibyshevsk Petrochemical Company Joint Stock Company

Passport issue date 31.12.2021