

**PRODUCTION COMPANY** 

RETINOIDS

# SECOND INTERNATIONAL CONFERENCE **«INTEGRATION NETWORK OF THE PHARMACEUTICAL ECOLOGY** - 2024»

## **EFFICIENCY OF THE PHENOL REMOVAL FROM THE AIR SYSTEM AT RETINOIDS JSC**

MAC

process

% of MAC

Residual

content in %

7800

300000

2,6%

100%

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230

2,3%

2,95%

10000

550

5,5%

7,05%

10000

Values are arithmetic average of 10 measurements unit of measurement: ng/m<sup>3</sup>

MAC = Maximum Allowable Concentration

However, it is necessary to anticipate potential emergency situations in which the concentration may briefly exceed the MAC. In the further study, the spill of the substance will be simulated, and the effectiveness of the

purification system for phenols will be measured.