

Certificate of Accreditation
National Accreditation Agency of Ukraine
№ 201480 dd. 02 December 2019 p

**Protocol on the results of microbiological tests of environmental samples
№ 249 dd 11.11.2020 p.**

Objective: research of air samples of office premises with application of the Ultraviolet bactericidal recirculator AEREKS.

Type of object, place of sampling: air samples of a room with a size of 16 m², height 3.20 m, Kyiv, st. Popudrenka, 50.

Customer: Zavet Company Subsidiary (according to the contract. № 3167 dd. 29.10.20.).

Selection and transportation of samples: samples were taken by a laboratory representative, 05.11.20. near 12-00.

Indicators and research methods: total microbial count, including number of molds, CFU / m³ - according to ISO 14698-1:2008, HFC 2.0, item 2.6.12. Sampling was performed by aspiration using a Saml'air Lite instrument manufactured by AES CHEMUNEX, France.

The term of operation of the Ultraviolet bactericidal recirculator AEREKS was 30 minutes.

Research date: 05.11 - 10.11.2020 p.

The results of the study are given in Table 1.

Table 1 – Results of research

Name of samples (selection points)	Indicators	Requirements	Actual value	Assessment
Air in the room (entrance)	total microbial count, including the number of mold fungi, CFU / m ³	Informative value	110	Informative value
Air after installation (exit)	total microbial count, including the number of mold fungi, CFU / m ³	Informative value	No growth	Informative value

Conclusion: according to the results of microbiological studies of indoor air samples from 05.11.2020, according to the indicator «total microbial count, incl. the number of mold fungi» when applied (use) Ultraviolet bactericidal recirculator AEREKS during operation in the size of 16 m², height of 3.20 m. there is a purification of indoor air from microorganisms – bacteria and fungi by 100.0%.

Responsible executor, engineer.



B. ny

Borovyk M.P.

Approved:

Head of the Microbiology, Sanitary Laboratory
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This protocol applies only to samples that have been tested and is not subject to partial reproduction without the written permission of the Laboratory.

In the case of a sample provided by the customer, the results relate to the sample in the condition in which it was obtained.