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**Determination fungicidal and levurocidal activity of product  
Chloramix DT (sample no. 2636) according quantitative  
suspension test according to the EN 13624**

**Summary Report**

Laboratory expertise no. 180287/2018 addition

**Fungicidal activity**

**Levurocidal activity**

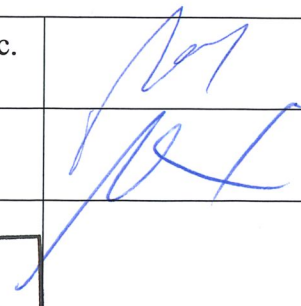
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## Characteristics of presented sample

**Contracting authority:** Schulke, s.r.o.,  
Lidická 445, 735 81 Bohumín

**Manufacturer:** Schulke, s.r.o.,  
Lidická 445, 735 81 Bohumín

**Product description:** (according to manufacturer's specification)  
Product Chloramix DT (sample no. 2636) is white tablets.

**Product composition (active substances):** sodium dichloroisocyanurate, dihydrate  
750g/kg (EC 220-767-7).

**Use of product:** Chloramix DT is suitable for disinfection of surfaces.

**Documentation included:**

Not indicated

Subject of expertise was the interpretation of results of the anti-fungicidal efficiency of the submitted samples in laboratory experiments.

## Interpretation of laboratory tests results

Product Chloramix DT (Laboratory sample No. 2636) demonstrated the fungicidal and levurocidal (yesticidal) activity (According to the EN 13624) at the concentration 1 tbl / 3 l hard water for 5 a 15 minutes at 20 °C under dirty conditions and clean conditions, for products used in the Medical area.

Product Chloramix DT (Laboratory sample No. 2636) demonstrated the fungicidal and levurocidal (yesticidal) activity (According to the EN 13624) at the concentration 1 tbl / 5 l hard water for 5 a 15 minutes at 20 °C under clean conditions, for products used in the Medical area.

Product Chloramix DT (Laboratory sample No. 2636) demonstrated the levurocidal (yesticidal) activity (According to the EN 13624) at the concentration 1 tbl / 5 l hard water for 5 a 15 minutes at 20 °C under dirty conditions, for products used in the Medical area.

Product Chloramix DT (Laboratory sample No. 2636) demonstrated the fungicidal activity (According to the EN 13624) at the concentration 1 tbl / 5 l

**hard water for 15 minutes at 20 °C under dirty conditions, for products used in the Medical area.**

The samples were not evaluated in terms of cleaning performance, corrosivity, toxicity, irritability and safety. This report applies only to the samples submitted and the conclusions drawn from this expertise can be applied to other products of the same kind only if their composition, contents and properties completely match the samples under testing.

The presented test results relate only to the samples referred to in this protocol and are not intended to replace other official manufacturer's documentation.

The protocol can be reproduced only in complete form with the written consent of the testing laboratory.

## **Determination fungicidal and levurocidal activity of product Chloramix DT (sample no. 2636) according quantitative suspension test according to the EN 13624**

The microbicidal effectiveness of disinfectants is determined by the following methods:

### Accredited methods

1. Quantitative suspension test for the evaluation of fungicidal activity of chemical disinfectants and antiseptics according to the EN 13624 (SOP-NRL/DS-01, method J).

The test method used for evaluation of the bactericide and levurocide effectiveness of disinfectants are processed based on German methods DGHM (Deutsche Gesellschaft für Hygiene und Mikrobiologie) and harmonized standards EN 14885 (EN 13624). The is quantitative method. The method is accredited according to the EN ISO/IEC 17025:2005.

National Reference Laboratory for disinfection and sterilization is "testing laboratory no. 1206.4 accredited by Czech Accreditation Institute according to the standard EN ISO / IEC 17025:2005".

### Results - accredited methods

More information you will find in the report of the outcome of laboratory test No. 740/2018 - Annex).

The fungicidal activity for the product Chloramix DT (Laboratory sample No. 2636), determined for general purposes according to the EN 13624 standard (obligatory conditions) under dirty and clean conditions is:

According to the EN 13624, the product Chloramix DT (Laboratory sample No. 2636), demonstrates the fungicidal and levurocidal (yesticidal) activity at the concentration 1 tbl / 3 l hard water for 5 and 15 minutes at 20 °C under dirty conditions (bovine albumin 3,0 ml/l plus erythrocytes 3 ml/l) and clean conditions (bovine albumin 0,3 ml/l plus).

According to the EN 13624, the product Chloramix DT (Laboratory sample No. 2636), demonstrates the fungicidal and levurocidal (yesticidal) activity at the concentration 1 tbl / 5 l hard water for 5 and 15 minutes at 20 °C under clean conditions (bovine albumin 0,3 ml/l plus).

According to the EN 13624, the product Chloramix DT (Laboratory sample No. 2636), demonstrates the levurocidal (yesticidal) activity at the concentration 1 tbl / 5 l hard water for 5 and 15 minutes at 20 °C under dirty conditions (bovine albumin 3,0 ml/l plus erythrocytes 3 ml/l).

According to the EN 13624, the product Chloramix DT (Laboratory sample No. 2636), demonstrates the fungicidal activity at the concentration 1 tbl / 5 l hard water for 15 minutes at 20 °C under dirty conditions (bovine albumin 3,0 ml/l plus erythrocytes 3 ml/l).

A reduction of microorganisms of 4 log was noticed. This reduction guarantees according to the EN 13624 fungicidal activity for products used in the Medical area.

The fungicidal activity was tested on test organism *Aspergillus brasiliensis*. The levurocidal (yeasticidal) activity was tested on test organism *Candida albicans*.

#### References:

1. EN 13624:2014 - Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of levurocidal activity in the medical area - Test method and requirements (phase 2, step 1)

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