

CERTIFICATE

STATEMENT OF EFFECT

Oxytetracycline

Evaluation of product effect was performed and verified towards Oxytetracycline

Date of verification
2019-11

pCure

Product effect was evaluated by using results and data from selected partners and other accredited third-party laboratories

PHAREM
BIOTECH

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Technology and application

pCure is a collection of household products that remove selected pharmaceutical residues from the sewage. The products contain enzyme blends that are released into the sewage system when flushed, where they help to prevent pharmaceutical residues being released into Nature. The products are placed on the toilet rim with the cage faced inwards the bowl. When the user is flushing, water passes the cage and block-mass which releases the enzyme blend into the sewer. The enzymes released to the sewage act against selected pharmaceutical residues that are released from human body when consuming medicine.

The full overview of the of the products description and application can be found within the Product definition which is found on the company support page help.pcure.se

Product claims

When installed and used according to instruction the product have effect towards selected compounds which the product has been developed for.

The products collected claims towards a compound are structured as following:

- Physical behaviour of the product
- Product effect towards a substance

The full overview of the of the products claims can be found within the Product definition which is published on the company support page help.pcure.se

Reporting

The reports regarding product effect towards Diclofenac are published at labs.pcure.se/substance/oxytetracycline

Conditions

The data and results published with this Verification Statement were obtained from the testing program conducted on pCure in accordance with a specific test plan developed and approved by Pharem Biotech AB in consultation with third-party laboratories. A description of used testing procedures and method used during verification may be accessed at labs.pcure.se

Average dissolving behaviour

During their lifetime, the products are designed to release an average amount block mass, and thereby enzymes, to the sewer system. This mechanism is based on cage designs and the block mass formulations. To define the physical performances the products are tested frequently at the manufacturer's laboratory.

More information about the standard dissolving behaviour can be found at help.pcure.se

Verification of effect

The product effect towards a substance is analysed using several methods selected in consultation with accredited third-party laboratories. During the verification process the role of the accredited third-party laboratories is to measure the effect according to chosen analytical methods. The methods used are developed according to ISO 17025.

ISO 14034

ISO 14034 specifies principle procedures and requirements for environmental technology verification (ETV) and was developed and published by the International Organization for Standardization (ISO). The objective of ETV is to provide credible, reliable and independent verification of the performance of environmental technologies. An environmental technology is a technology that either result in an environmental added value or measures parameters that indicate an environmental impact. Such technologies have an increasingly important role in addressing environmental challenges and achieving sustainable development.

ISO 17025

ISO/IEC 17025 enables laboratories to demonstrate that they operate competently and generate valid results, thereby promoting confidence in their work both nationally and around the world. It also helps facilitate cooperation between laboratories and other bodies by generating wider acceptance of results. Test reports and certificates can be accepted from one country to another without the need for further testing, which, in turn, improves international trade.