

# Toucan Eco test certificates

## Introduction

Toucan Eco electrolyses water and salt to make a multipurpose disinfectant cleaner that kills more than 99.99% of germs. The active compounds are hypochlorous acid and sodium hypochlorite.

The solution is powerful, eco-friendly, safe and hypoallergenic, with a fast contact time and high efficacy at a low concentration and gentle pH.

## Test certificates

Toucan Eco is certified to the below European accreditations.

Test	Type	Method	Contact time	PPM	Log reduction	Result
EN 14476	Virucidal: medical	Suspension	5 min	100	>99.99% (4-log)	Pass
EN 14476	Virucidal: medical	Suspension	1 min	200	>99.99% (4-log)	Pass
EN 16777	Virucidal: medical	Surfaces	5 min	100	>99.99% (4-log)	Pass
EN 16777	Virucidal: medical	Surfaces	1 min	200	>99.99% (4-log)	Pass
EN 1276	Bacterial: general	Suspension	1 min	100	>99.999% (5-log)	Pass
EN 13697	Bacterial: general	Surfaces	1 min	100	>99.99% (4-log)	Pass
EN 14348	Bacterial: medical	Suspension	1 min	200	>99.99% (4-log)	Pass
EN 1650	Fungicidal	Suspension	1 min	500	>99.99% (4-log)	Pass
EN 14348	Mycobactericidal: medical	Suspension	1 min	250	>99.99% (4-log)	Pass
EN 1656	Bacterial: veterinary	Suspension	5 min	200	>99.999% (5-log)	Pass
NF T 72-281	Bacterial & virucidal	Airborne disinfection	1 min	200	>99.99% (4-log)	Pass
EN 14476: 2013+A2:2019	Virucidal handwash: medical	Suspension	5 min	100	>99.99% (4-log)	Pass
EN 14476: 2013+A2:2019	Virucidal handwash: medical	Suspension	1 min	200	>99.99% (4-log)	Pass
EN 13727: 2012+A2:2015	Bacterial handwash: medical	Suspension	30 sec	200	>99.999% (5-log)	Pass
EN 13624: 2013	Yeasticidal & fungicidal handwash: medical	Suspension	30 sec	500	>99.99% (4-log)	Pass
AOAC Method 961.02	Bacterial & virucidal: US	Surfaces	1 min	100	>99.999% (5-log)	Pass

The virucidal tests include a surrogate enveloped virus demonstrating the solution kills coronavirus. EN 16777 and 13697 are virucidal and bacterial tests on hard surfaces, which more closely demonstrates the real world of cleaning rather than in vitro.

Toucan Eco is registered as an EU Biocide by the European Chemicals Agency (ECHA) for disinfectant in the product types of human hygiene, disinfection and algacides, veterinary hygiene, food and feed area, and drinking water. It has a VAH certificate for chemical disinfection procedures.