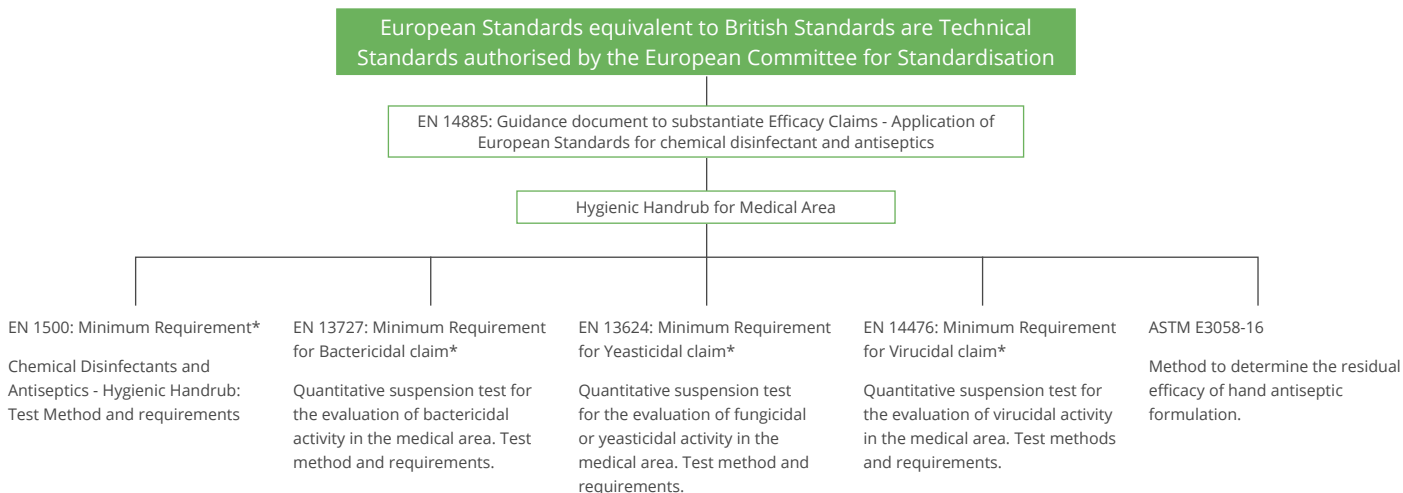


## What Standard has Protectus Viridis Hygienic Handrub been tested to?

Protectus Viridis is a fully compliant Hygienic handrub, tested according to the required EN standards.

European Standards (equivalent to British Standards) are technical standards authorized by the European Committee for standardisation. According to the European Norm under the BPR, the minimum EN Standards a fully compliant hygienic hand sanitiser must pass are listed in EN 14885. Please refer to the summary table of the test standard required for a compliant hand sanitiser below and the full standard can be found online.



Furthermore, specific reference test organisms that are to be tested for each claim are given in the document – Guidance on the BPR: Volume II Efficacy – Assessment and Evaluation, Table 30; Appendix 3, page 262, a summary selection of which are given below.

## Minimum Test Standard Requirements and Reference Test Organisms

Activity	EN Standard	Test Organisms Specified by Standard
Bactericidal	EN 1500	<i>Escherichia coli</i> K12 NCTC 10538
Bactericidal	EN 13727	<i>Escherichia coli</i> K12 NCTC 10538 <i>Pseudomonas aeruginosa</i> ATCC 15442 <i>Staphylococcus aureus</i> ATCC 6538 <i>Enterococcus hirae</i> ATCC 10541
Yeastocidal	EN 13624	<i>Candida albicans</i> ATCC 10231
Virucidal	EN 14476	Modified Vaccinia virus Ankara (to cover Enveloped viruses)

In addition to the above standard requirements, Protectus Viridis has also been tested against other organisms such as viruses and yeasts related to healthcare and cruise lines.

For more information and further detail, please contact us.

## References:

\*EN 14885: Chemical disinfectants and antiseptics. Application of European Standards for chemical disinfectants and antiseptics. <https://shop.bsigroup.com/ProductDetail?pid=000000000030360277>

Guidance on the BPR: Efficacy Evaluation. <https://echa.europa.eu/about-us/who-we-are/biocidal-products-committee/working-groups/efficacy>