



25 January 2021

BIODX LAUNCHES FIRST AND ONLY 'EUROPEAN ACCREDITED' DISINFECTANT WITH CONVINCING EU SARS-CoV2 TEST RESULTS

Biodx has recognised that accredited laboratory testing for SARS-CoV-2 efficacy has become a critical tool to bring certainty into our efforts to eliminate the Covid 19 pandemic.

With data contained in the TNO report “Efficacy of Decont-X® (branded **b bioactive™**) in surface disinfection against SARS-CoV-2”, Biodx gives you the unique opportunity to position your brand as the most responsible in the market, with guaranteed performance and safety.

b bioactive™ Applications:

Active ingredient for responsible formulators/producers of quality commercial, industrial and consumer cleaning products, sanitisers and disinfectants and end users (cleaning companies, medical, commercial, industrial, consumer, Institutional etc.)

About Biodx

Biodx is on a journey to reduce society's dependence on synthetic chemicals. Harnessing the power of biotechnology, we're breaking boundaries, crossing new frontiers, helping to evolve the future of disinfection. All towards enabling a better world.

With technical support from the CSIR (Council for Scientific and Industrial Research) as well as financial support from TIA (Technology Innovation Agency) and IDC (Industrial Development Corporation), we've spent the last 15 years researching and developing cutting edge antimicrobial and antiviral technologies.

Using a natural citrus extract stabilised with an organic biodegradable compound, it contains no chlorine, ethanol or aldehydes. Non-corrosive and earth friendly, the active formulation called **b bioactive™**, rapidly kills 99.9% of many bacteria species and viruses.

Certified by NRCS South Africa and carrying the SABS mark permits for SANS 636 & 1853, **b bioactive™** (DECONT-X®) offers revolutionary solutions for formulators, contract cleaners, the food and beverage industry, the medical and pharmaceutical industry, the agricultural industry and the manufacturing industry respectively.

In Biodx's application for EU BPR registration, the product was tested using standard EU methods, NEN-EN 1276, NEN-EN 1650, NEN-EN 13727, NEN-EN 13624, NEN-EN 13697 and NEN-EN 13623. Subsequently **b bioactive™** was tested and verified against SARS-CoV-2 to stringent EU NEN standards in the Netherlands. The EU registration evaluation is nearing completion.

Biodx conforms to the above international standards.

Directors: Humberto Rodrigues (Managing), Anita Burger, Buhle Hanise (IDC), David Watson

Biodx Biological Chemical Technologies (Pty) Ltd, Tel: +27 11 608 0732, Fax: +27 86 439 5786
Building S3, Block D, Pinelands Business Park, Maxwell Drive, Modderfontein, Gauteng, South Africa
P. O. Box 46158, Orange Grove, 2119, South Africa, Email: info@biodx.co.za Website: www.biodx.co
Registration number 2005/023467/07 VAT number 4390235333

Return address: P.O. Box 360, 3700 AJ Zeist, The Netherlands

BioDX
Attn. Mr. Burt Rodrigues
Building S3, block D, Pinelands office park, Maxwell drive
MODDERFONTEIN, JOHANNESBURG
SOUTH AFRICA

Utrechtseweg 48
3704 HE Zeist
P.O. Box 360
3700 AJ Zeist
The Netherlands

www.tno.nl

T +31 88 866 60 00

Subject

Interim report on efficacy of DecontX(Cl) in surface disinfection against SARS-CoV-2

Date

20 January 2021

Our reference

MSB-2021-100337462 VOJ

Project number

060.44994

Your reference

PO100705

Enclosure(s)

report

Copy to

Mark Ford, Margreet
Heerikhuisen
Secretary MSB

Dear Mr. Rodrigues,

BioDX (South Africa) requested TNO (The Netherlands) to test their biocidal product DecontX(Cl), with brand names Vitrodx, Indusdx, Microdx, Agridx and b-bioactive, for viricidal activity against the enveloped virus SARS-CoV-2.

The test has been performed by using the test procedure described in the NEN-EN 14476:2013 +A2:2019 norm. You will find the report in the appendix.

Based on the results, we conclude a 3.9 log reduction or 99.987% reduction of infectious SARS-CoV-2 virus particles by applying 250 ppm DecontX(Cl) under both clean and blood soiling conditions.

Yours faithfully,



Jos M.B.M. van der Vossen, PhD
Senior Scientist Microbiology and Systems Biology

The General Terms and Conditions for commissions to TNO, as filed with the Registry of the District Court in the Hague and with the Chamber of Commerce and Industry in The Hague, shall apply to all commissions to TNO.

Our General Terms and Conditions are also available on our website www.tno.nl. A copy will be sent upon request.

Trade register number 27376655.