

# ISO 22196:2011 Antimicrobial Test Certificate

This is to certify that

- **TETRAPAK PLA with BIOMASTER 1202**
- **TETRAPAK ABS with BIOMASTER 612**
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supplied by

**HAPPY GIFTS EUROPE S.P.Z O.O**

has been tested to ISO 22196:2011 standards and shown to reduce

*Staphylococcus aureus* by  $\geq 99.95\%$

*Escherichia coli* by  $\geq 99.49\%$

Date of test: 5<sup>th</sup> August 2020  
Test laboratory: Industrial Microbiological Services Limited  
Registered in England 3264423

Certificate Number: 1040223.267/14314



Dr Sue Bethel  
Technical Manager

