

## Certificate of Analysis (CoA)

|                 |                            |
|-----------------|----------------------------|
| Brand Name      | Skin and Hand Disinfectant |
| Trademark       | GBL® MANOCHOL™ EP-70       |
| REF No          | 6215                       |
| Batch No        | C1984                      |
| Order No        | 436215221000               |
| Production Time | 14.03.2022                 |
| Expiration Date | 14.03.2024                 |
| Analysis Date   | 14.03.2022-17.03.2022      |

### Physical Properties

| Quality Control Values | Theoretical Results | Results |
|------------------------|---------------------|---------|
| Form                   | Liquid              | +       |
| Color                  | Colorless           | +       |
| Labeling               | EN ISO 15223-1      | +       |

### Chemical Properties

| Quality Control Values | Theoretical Results | Results |
|------------------------|---------------------|---------|
| Solubility             | Soluble             | +       |
| pH @ 25 °C (ca)        | 5,5±0,4             | 5,535   |

### Microbiological Properties

| Microorganism Name   | Biological Activity |
|--|---------------------|
| <i>Escherichia coli</i> ATCC 25922                         | +                   |
| <i>Staphylococcus aureus</i> ATCC 25923                    | +                   |
| <i>Enterococcus faecalis</i> ATCC 29212                    | +                   |
| <i>Pseudomonas aeruginosa</i> ATCC 27853                   | +                   |
| MRSA (Methicillin-resistant <i>Staphylococcus aureus</i> ) | +                   |
| VRE (Vancomycin-resistant <i>Enterococcus</i> )            | +                   |
| <i>Klebsiella pneumoniae</i> ATCC 13883                    | +                   |
| <i>Yersinia enterocolitica</i> ATCC 27729                  | +                   |
| <i>Proteus vulgaris</i> ATCC 27729                         | +                   |
| <i>Bacillus cereus</i> ATCC 11778                          | +                   |
| <i>Enterococcus faecium</i>                                | +                   |
| <i>Listeria monocytogenes</i> ATCC 15313                   | +                   |
| <i>Acinetobacter baumannii</i>                             | +                   |
| <i>Candida albicans</i>                                    | +                   |
| <i>Aspergillus niger</i>                                   | +                   |
| Poliovirus Type 1  | +                   |
| Adenovirus Type 5  | +                   |
| Murine Norovirus PTA-5935                                  | +                   |

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