

Disinfecting Efficacy of Solutions Generated by KECA Summary

Effective chlorine concentration: 50 mg/kg pH 6.0

Value demonstrated as CFU/ml (colony-forming units per milliliter). Processing time: Bacterial spores → 30 minutes.

Other microorganisms → 1 minute

Name of bacteria used in test	Initial value of the bacteria	60 second exposure
Escherichia coli (E. coli)	1.5×10^6	< 10
Salmonella enterica (S. enterica)	1.6×10^6	< 10
Staphylococcus aureus (S. aureus)	1.4×10^6	< 10
Methicillin-resistant Staphylococcus aureus (MRSA)	2.6×10^6	< 10
Pseudomonas aeruginosa (P. aeruginosa)	1.2×10^6	< 10
Cladosporium cladosporioides (C. cladosporioides)	1.2×10^4	2.8×10^4
Bacillus cereus (B. cereus) [30 minute]	1.3×10^4	< 10

Test Reference number: N-11-00117

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