

[Document Name] Abstract

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[Problem to be Solved]

To provide a highly safe and highly effective decontamination device using peracetic acid and a decontamination method employing the decontamination device.

[Solution]

A decontamination device A for sterilizing an inside of a facility or an inside of a device installed in the facility in which cells, tissues, culture media, sterile reagents, microorganisms or the like are handled or cultured, including: a dry fog generating machine 1, installed in a decontamination area, for converting a peracetic acid mixed solution containing low-concentration peracetic acid into dry fog and spraying the dry fog into the decontamination area; a humidity sensor 3, installed in the above decontamination area, for measuring a humidity in the decontamination area; a gas recovery machine 4, installed in the above decontamination area, for recovering gas in the decontamination area; and a control device 6 for controlling spraying from the above dry fog generating machine 1 and gas recovery operation by the gas recovery machine 4 based on information from the above humidity sensor 3, wherein a main control and monitoring device 7, installed outside the above decontamination area, for controlling the control devices 6 of one or more of the above decontamination devices A is provided.

[Selected Drawing] FIG. 1