

Test Report

The survival rate of Escherichia coli after 2 hours of Streamer irradiation was 0.1% for two units operation, 1.8% for one unit.

Organization: Japan Food Research Laboratories

Report No.: 18084340003-0101

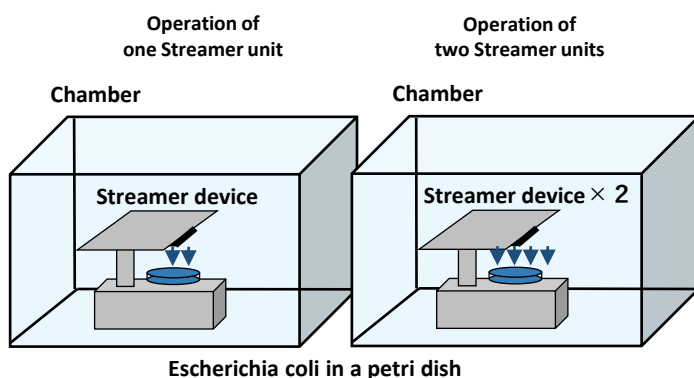
Report Date: 10-Sep-2018

Subjects: Escherichia coli (ATCC 43895)

Result: The survival rate of Escherichia coli (ATCC) after 2 hours was 0.1% for two units operation, 1.8% for one unit

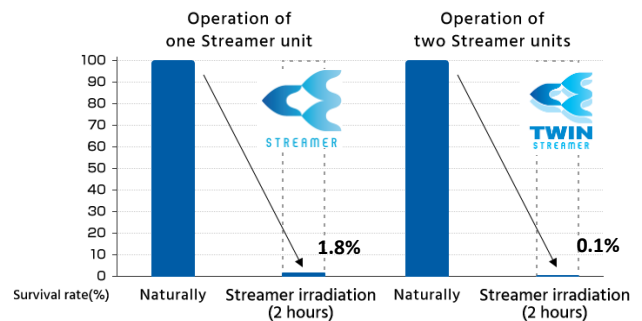
Method: Pour plate culture method

Test Conditions



Under conditions operating either one or two Streamer units, the residual states of Escherichia coli placed in petri dishes were observed throughout an 8-hour period under Streamer irradiation.

Test Results



The survival rate of virus after 2 hours of Streamer irradiation was 0.1% for two units operation compared to 1.8% for one unit operation, confirming that the suppression effect was 18 times.

*This is the demonstration result using a streamer discharge device for testing. The effect of products equipped with Streamer technology or the effect in actual use environment may differ.

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試験報告書

依頼者 ダイキン工業株式会社

一般財団法人

日本食品分析センター

東京都渋谷区元代々木町52番1号



検体 本報告書中

表題 除菌効果試験

2018 年(平成 30 年)07 月 24 日当センターに提出された上記検体について試験した結果をご報告いたします。

本報告書を他に掲載するときは当センターの掲載規約をお守りください。

一般財団法人
日本食品分析センター