

No. 17145859001-0201

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Date issued: January 26, 2018

## REPORT

Client: NOK Corporation  
2000 Akatsuchi, Kikugawa-shi, Shizuoka 437-1507, Japan

Sample(s): Hollow fiber membrane module (Product: TA13055 Membrane: High Flow Rate type PGL2)

Title: Bacteria Removal Performance Test

Received date of sample(s): December 21, 2017

This report has been translated into English from Japanese report No. 17145859001-0101 (Date issued: January 26, 2018).

Signed for and on behalf of JFRL



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*Feb. 06, 2018*

Date

## Bacteria Removal Performance Test

### 1. Client

NOK Corporation

### 2. Sample

Hollow fiber membrane module (Product: TA13055 Membrane: High Flow Rate type PGL2)

### 3. Outline of method

The bacteria removal performance of the sample was tested according to the method described in Bacteria removal performance test (continuous type water purifier), Annex K (informative), Japanese Industrial Standard (JIS) S 3201:2017 "Testing methods for household water purifiers."

Test water was allowed to pass through the sample at a flow rate of about 2.0 L/min. After about 5.1 L of the test water passed through the sample, 100 mL of the filtered water was collected. The viable counts of the test water and the filtered water (per mL) were determined.

### 4. Results

Table 1 shows the results.

The bacteria retention performance of the sample was  $\geq 6.7$ .

Table 1. Viable counts of test water and filtered water

Test strain	Specimen	Viable count (per mL)
<i>Brevundimonas diminuta</i> NBRC 14213	Test water	$5.3 \times 10^6$ *1
	Filtered water	0*2

\*1 Surface spread plating method

\*2 Membrane filter method

\*\*End of Report\*\*