

TEST REPORT: HNSA/230191524-AF99972


REPORTED DATE: 17-January-2023

CUSTOMER: 26 RAFAEL SDN BHD
B-03-12, IOI BOULEVARD,
JALAN KENARI 5, BANDAR PUCHONG JAYA,
47100 PUCHONG, SELANGOR

The following sample(s) was/were submitted and identified by applicant as:

SAMPLE MARKING : RAFAEL PURE - PORTABLE
SAMPLING DATE : -
SAMPLE DESCRIPTION : ONE (1) SAMPLE OF WATER TUMBLER
CUSTOMER REF. : -
SAMPLE ID : AF99972
SGS JOB NO. : H&N / 2022-12-15-017
SAMPLE CONDITION : AMBIENT
SAMPLE RECEIVED : 15-December-2022
TESTING PERIOD : 15-December-2022 to 03-January-2023
TEST RESULTS : -PLEASE REFER TO NEXT PAGE(S)-
REMARKS : -

SIGNED FOR AND ON BEHALF OF
SGS (MALAYSIA) SDN BHD


LOW ZHEN HUI
MULTI-BUSINESS LABORATORY MANAGER
FOOD ANALYST NO. MJMM0178



Test Report Form No.: SGS/TR/HN/001, Ver: 1.0, Effective Date: 10/02/2021

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CUSTOMER : 26 RAFAEL SDN BHD
 SAMPLE ID : AF99972 - RAFAEL PURE - PORTABLE
 TEST RESULTS :

Test Parameter(s)	Count before Light Treatment, <i>N₀</i>		Count after Light Treatment, <i>N_a</i>		Lg Reduction (Reduction Percentage)
	cfu/mL	Lg	cfu/mL	Lg	
<i>Pseudomonas aeruginosa</i> (ATCC 15442)	5.2 x 10 ²	2.71	4.7 x 10 ²	2.68	0.04 (9.615%)
<i>Candida albicans</i> (ATCC 10231)	1.2 x 10 ⁵	5.09	1.1 x 10 ⁵	5.04	0.05 (8.333%)

Test Method: In-House Method SGS-TM-MICR-110.09 V1


Note:

- (a) Lg Reduction = Lg *N₀* – Lg *N_a*
- (b) Reduction Percentage = $\frac{(N_0 - N_a)}{N_0} \times 100\%$

Remark:

- 1) The spiked water was treated for 5 minutes with the water tumbler.

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*** End of test report ***