



Test Report

No. HKHC1405003523HC

Date :Jun 06, 2014

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MAN FORCE MECHANICAL TRANSMISSION LIMITED
RM 2113, 21/F, BLOCK 1,
TAK FUNG INDUSTRIAL CENTRE,
168 TEXACO ROAD,
TSUEN WAN, HONG KONG

Job No. 工作編號 : HKHC140500001612

The following sample was submitted and identified by the client as Strong Alkaline Electrolysis Ionized Water (強鹼性電解離子水)

Product Description 樣品名稱	:	Strong Alkaline Electrolysis Ionized Water (強鹼性電解離子水)
Quantity Received 收到樣品數量	:	1 bottle
Sample Appearance 樣品外觀	:	Transparent liquid 透明液體
SGS Sample No. 樣品編號	:	HKHC140500001612-101
Sample Receiving Condition 樣品收到時狀態	:	In unopened plastic bottle under ambient condition 室溫下存放於未開塑膠樽中
Sample Receiving Date 樣品收到日期	:	May 16 2014 2014年05月16日
Testing Period 化驗日期	:	May 16 – June 06 2014 2014年05月16日至06月06日

Test Requested 測試項目

1. To perform the pH value on the submitted sample.
樣品酸鹼度值測試。
2. To determine Bactericidal Activity of the submitted sample.
樣品殺滅細菌活性測試。

Test Method and Test Results 分析方法及分析結果

Please refer to the following page(s). 請參考續頁。

Signed for and on behalf of
SGS Hong Kong Ltd.
香港通用檢測認證有限公司代表簽名

WONG KIN-MAN, GILMAN
SENIOR TECHNICAL DEVELOPMENT EXECUTIVE
- COSMETICS, PERSONAL CARE & HOUSEHOLD SERVICES
黃健文 / 化妝品及日化產品部高級技術發展主任

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Test Methods 分析方法

1. pH value 酸鹼度值

The analysis was performed by in house method using pH meter for measurement.
根據內部化驗方法測定用酸鹼度值計量度

2. Bactericidal Activity 滅細菌活性測試。

The analysis was performed with reference to EN 1040:2005 (Dilution-neutralization method). The contact time was modified to 1 minute.
測試乃參考EN 1040:2005 (稀釋-中和法)。接觸時間更改為1分鐘。

Test Results 分析結果

Parameter 測試項目

(1) pH value 酸鹼度值

(2) Bactericidal Activity 殺滅細菌活性測試

Reaction temperature 測試溫度: 19 - 21°C

Contact time 接觸時間: 1 minutes

Test concentration 測試濃度: 80 % (v/v)

Neutralizer 中和劑: Dey/Engley Neutralizing Broth

Strong Alkaline Electrolysis Ionized Water
(強鹼性電解離子水)

SGS Sample No. 樣品編號

HKHC140500001612-101

12.7 at 25.0 °C

Parameter 測試項目

Test organisms 測試生物

Escherichia coli 大腸桿菌 (ATCC 8739)

Klebsiella pneumonia 克雷伯氏肺炎菌 (ATCC 4352)

Pseudomonas aeruginosa 綠膿桿菌 (ATCC 15442)

Strong Alkaline Electrolysis Ionized Water
(強鹼性電解離子水)

SGS Sample No. 樣品編號

HKHC140500001612-101

Log Reduction in Viability / Kill Rate #

存活菌數對數下降值 / 殺滅率#

4.20 / 99.994 %

>5.54 / >99.999%

4.03 / 99.991%

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Note 備註 :

1. Results reported on the submitted sample on an as received basis. 分析結果乃根據所呈交之樣品於收到時之狀態計算及進行。
2. The test contact time is based on the instruction provided by client. 測試接觸時間根據客戶提供的指示。
3. > = more than 多於
4. < = less than 少於
5. # - The product shall be deemed to have passed the test if it demonstrates a 5 or more log reduction in viability. # - 如樣品能展示5或更高之存活菌數對數下降值，它可被視為合乎測試的要求。
6. The English version of this report shall prevail in case of discrepancy between the English version and the Chinese version. 本化驗報告之中英文版本如有歧異，概以英文版為準。

*** End of Report 報告完 ***

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