



西德有機
Shiteh Organic

漱口水之氟含量檢測報告

檢體編號	規格	結果	判定
P58405	氟化鈉(NaF)規格應介於 0.2%±10% 相當氟離子(F) 904ppm±10% (813.6~994.4ppm)	869	符合
P58415		835	符合
P58425		891	符合
P58435		889	符合
P58445		898	符合
P58455		898	符合
P58465		898	符合
P58475		890	符合
P58485		897	符合
P58495		892	符合
P58505		887	符合
P58515		885	符合
P58525		888	符合
P58535		874	符合
P58545		886	符合
P58555		879	符合
P58565		868	符合
P58575		877	符合
P58585		879	符合

Conclusion:

We Certify that the above analysis is true and correct and the results conformed to In-house specifications.



Compiled By/Date: yihui lee / 2025.10.22 Approved By/Date: Candy deng / 2025.10.22
Supervisor of QC Dept. Supervisor of QM Dept.



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漱口水之氟含量檢測程序與紀錄

1 檢測方法

含氟漱口水主要成分「氟離子濃度」係以氟電極棒 pHoenis Co. Fluoride and sodium ion selective electrodes (ISE) with EUTECH ION 2700/pH/mV/Temp meter 檢測。

2 試藥資訊

藥品名稱	有效期:
1000 ppm 氟離子標準液(F00ASO2)	2027.05.02
Fluoride ISA Tisab1(F00ISO1)	2026.12.30

3 儀器電極校正

3.1 校正程序

- (1) 1000ppm 氟離子標準液(F00ASO2)
- (2) 100ppm 氟離子標準液取 1000 ppm 氟離子標準液(F00ASO2)10ml 加水定量至 100ml。
- (3) 10ppm 氟離子標準液取 100 ppm 氟離子標準液(F00ASO2)10ml 加水定量至 100ml。
- (4) 以 10ppm、100ppm、1000ppm 各 2.5ml 及各加 2.5ml Fluoride ISA Tisab1(F00ISO1) 溶液並充分攪拌，進行電極校正，當顯示穩定讀數時，並列印數據。
- (5) 校正合格標準:

前後兩者相差十倍濃度之 Slope(mv)讀數應在 -54 至 -60 mV 的差異。

(6) 紀錄

Ion Values		Slope
10ppm	100ppm	-57.9
100ppm	1000ppm	-57.4

操作者/日期: 林豪鈴
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3.2 回測校正

(1) 以 10ppm、100ppm、1000ppm 各 2.5ml 及各加 2.5ml Fluoride ISA

Tisab1(F00ISO1)溶液並充分攪拌，進行檢測，當顯示穩定讀數時，並列印數據。

分別測量 10、100、1000ppm 三點之 ppm 值

(2) 合格標準:容差 $\pm 3\%$

(3) 紀錄

校正檢量線	10ppm	100ppm	1000ppm
回測校正值	10	100	1000
合格標準 容差 $\pm 3\%$	9.7~10.3	97~103	970~1030
判定	<input checked="" type="checkbox"/> 合格 <input type="checkbox"/> 不合格	<input checked="" type="checkbox"/> 合格 <input type="checkbox"/> 不合格	<input checked="" type="checkbox"/> 合格 <input type="checkbox"/> 不合格

操作者/日期: 林素鈴
2025.10.21

3.3 檢品檢測

每批(瓶)漱口水檢品各取 2.5mL，加入 2.5mL Fluoride ISA Tisab1(F00ISO1)，並充分攪拌，進行檢測，當顯示穩定讀數時，並列印數據。(三重覆)



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檢體批號	ppm			平均值(ppm)
P58405	883	887	838	869
P58415	838	835	831	835
P58425	890	887	897	891
P58435	890	887	890	889
P58445	901	897	897	898
P58455	897	901	897	898
P58465	897	901	897	898
P58475	887	894	890	890
P58485	901	894	897	897
P58495	894	894	887	892
P58505	894	890	876	887
P58515	890	883	883	885
P58525	887	883	894	888
P58535	873	880	869	874
P58545	894	890	873	886
P58555	880	876	880	879
P58565	869	873	862	868
P58575	880	869	883	877
P58585	880	883	873	879

以上檢品之產品氟化鈉(NaF)規格應介於 0.2%±10%、相當氟離子(F)904ppm±10%(813.6~994.4ppm)

檢測者/日期: 林素鈴
2025.10.21



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漱口水之氣含量檢測程序與紀錄

原始數據黏貼處:

qff

ThermoFisher Scientific

Meter Model : ION 2700
Serial No : 2721131
Operator ID : _____

Signature : _____

pH Calibration Data

Not Calibrated .

mV Calibration Data

Not Calibrated .

Ion Calibration Data

Last Cal Date&Time:
21-10-25 , 15:32:54

Ion Values Slope

10	
100	-57.9 mV
1000	-57.4 mV

Measurement Data

- 1) 21-10-25 , 15:39:29
Mode-Ion, Sample ID: 0
1000 ppm, -178.1 mV
21.1 C ATC
- 2) 21-10-25 , 15:44:37
Mode-Ion, Sample ID: 0
100 ppm, -120.8 mV
21.1 C ATC
- 3) 21-10-25 , 15:46:28
Mode-Ion, Sample ID: 0
10.00 ppm, -62.8 mV
21.1 C ATC

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4) 21-10-25 , 15:48:28
Mode-Ion, Sample ID: 0
883 ppm, -175.0 mV
20.8 C ATC

5) 21-10-25 , 15:49:24
Mode-Ion, Sample ID: 0
887 ppm, -175.1 mV
20.9 C ATC

6) 21-10-25 , 15:50:25
Mode-Ion, Sample ID: 0
883 ppm, -175.0 mV
21.0 C ATC

7) 21-10-25 , 15:51:02
Mode-Ion, Sample ID: 0
838 ppm, -173.7 mV
21.0 C ATC

8) 21-10-25 , 15:52:05
Mode-Ion, Sample ID: 0
835 ppm, -173.6 mV
21.1 C ATC

9) 21-10-25 , 15:53:29
Mode-Ion, Sample ID: 0
831 ppm, -173.5 mV
21.1 C ATC

10) 21-10-25 , 15:54:32
Mode-Ion, Sample ID: 0
890 ppm, -175.2 mV
21.0 C ATC

11) 21-10-25 , 15:55:21
Mode-Ion, Sample ID: 0
887 ppm, -175.1 mV
21.0 C ATC

12) 21-10-25 , 15:56:05
Mode-Ion, Sample ID: 0
897 ppm, -175.4 mV
21.0 C ATC

13) 21-10-25 , 15:57:20
Mode-Ion, Sample ID: 0
890 ppm, -175.2 mV
21.0 C ATC

14) 21-10-25 , 15:59:15
Mode-Ion, Sample ID: 0
887 ppm, -175.1 mV
21.0 C ATC

15) 21-10-25 , 16:00:55
Mode-Ion, Sample ID: 0
890 ppm, -175.2 mV
20.9 C ATC

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16) 21-10-25 , 16:02:23
Mode-Ion, Sample ID: 0
901 ppm, -175.5 mV
21.0 C ATC

17) 21-10-25 , 16:03:15
Mode-Ion, Sample ID: 0
897 ppm, -175.4 mV
21.0 C ATC

18) 21-10-25 , 16:04:15
Mode-Ion, Sample ID: 0
897 ppm, -175.4 mV
21.0 C ATC

19) 21-10-25 , 16:05:13
Mode-Ion, Sample ID: 0
897 ppm, -175.4 mV
21.0 C ATC

20) 21-10-25 , 16:06:02
Mode-Ion, Sample ID: 0
901 ppm, -175.5 mV
21.1 C ATC

21) 21-10-25 , 16:07:15
Mode-Ion, Sample ID: 0
897 ppm, -175.4 mV
21.1 C ATC

22) 21-10-25 , 16:08:15
Mode-Ion, Sample ID: 0
897 ppm, -175.4 mV
21.0 C ATC

23) 21-10-25 , 16:09:07
Mode-Ion, Sample ID: 0
901 ppm, -175.5 mV
21.0 C ATC

24) 21-10-25 , 16:10:14
Mode-Ion, Sample ID: 0
897 ppm, -175.4 mV
21.0 C ATC

25) 21-10-25 , 16:11:08
Mode-Ion, Sample ID: 0
887 ppm, -175.1 mV
21.0 C ATC

26) 21-10-25 , 16:12:03
Mode-Ion, Sample ID: 0
894 ppm, -175.3 mV
21.0 C ATC

27) 21-10-25 , 16:13:05
Mode-Ion, Sample ID: 0
890 ppm, -175.2 mV
21.0 C ATC

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原始數據黏貼處:

PSF-485

28) 21-10-25 , 16:14:23
Mode-Ion, Sample ID: 0
901 ppm, -175.5 mV
21.0 C ATC

29) 21-10-25 , 16:16:17
Mode-Ion, Sample ID: 0
894 ppm, -175.3 mV
20.9 C ATC

30) 21-10-25 , 16:17:47
Mode-Ion, Sample ID: 0
897 ppm, -175.4 mV
21.0 C ATC

PSF-495

31) 21-10-25 , 16:18:41
Mode-Ion, Sample ID: 0
894 ppm, -175.3 mV
21.0 C ATC

32) 21-10-25 , 16:19:51
Mode-Ion, Sample ID: 0
894 ppm, -175.3 mV
20.9 C ATC

33) 21-10-25 , 16:20:44
Mode-Ion, Sample ID: 0
887 ppm, -175.1 mV
20.9 C ATC

PSF-505

34) 21-10-25 , 16:21:30
Mode-Ion, Sample ID: 0
894 ppm, -175.3 mV
21.0 C ATC

35) 21-10-25 , 16:22:24
Mode-Ion, Sample ID: 0
890 ppm, -175.2 mV
20.8 C ATC

36) 21-10-25 , 16:23:21
Mode-Ion, Sample ID: 0
876 ppm, -174.8 mV
21.0 C ATC

PSF-515

37) 21-10-25 , 16:24:04
Mode-Ion, Sample ID: 0
890 ppm, -175.2 mV
20.9 C ATC

38) 21-10-25 , 16:25:17
Mode-Ion, Sample ID: 0
883 ppm, -175.0 mV
20.9 C ATC

39) 21-10-25 , 16:26:10
Mode-Ion, Sample ID: 0
883 ppm, -175.0 mV
20.9 C ATC

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PSF-525

40) 21-10-25 , 16:27:13
Mode-Ion, Sample ID: 0
887 ppm, -175.1 mV
20.8 C ATC

41) 21-10-25 , 16:28:36
Mode-Ion, Sample ID: 0
883 ppm, -175.0 mV
20.8 C ATC

42) 21-10-25 , 16:29:47
Mode-Ion, Sample ID: 0
894 ppm, -175.3 mV
20.8 C ATC

PSF-535

43) 21-10-25 , 16:30:37
Mode-Ion, Sample ID: 0
873 ppm, -174.7 mV
20.8 C ATC

44) 21-10-25 , 16:31:15
Mode-Ion, Sample ID: 0
880 ppm, -174.9 mV
20.9 C ATC

45) 21-10-25 , 16:32:06
Mode-Ion, Sample ID: 0
869 ppm, -174.6 mV
20.9 C ATC

PSF-545

46) 21-10-25 , 16:33:05
Mode-Ion, Sample ID: 0
894 ppm, -175.3 mV
20.9 C ATC

47) 21-10-25 , 16:33:53
Mode-Ion, Sample ID: 0
890 ppm, -175.2 mV
20.8 C ATC

48) 21-10-25 , 16:34:35
Mode-Ion, Sample ID: 0
873 ppm, -174.7 mV
20.8 C ATC

PSF-555

49) 21-10-25 , 16:35:21
Mode-Ion, Sample ID: 0
880 ppm, -174.9 mV
20.7 C ATC

50) 21-10-25 , 16:36:29
Mode-Ion, Sample ID: 0
876 ppm, -174.8 mV
20.7 C ATC

51) 21-10-25 , 16:38:02
Mode-Ion, Sample ID: 0
880 ppm, -174.9 mV
20.9 C ATC

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PSF-565

52) 21-10-25 , 16:39:09
Mode-Ion, Sample ID: 0
869 ppm, -174.6 mV
20.8 C ATC

53) 21-10-25 , 16:40:11
Mode-Ion, Sample ID: 0
873 ppm, -174.7 mV
20.7 C ATC

54) 21-10-25 , 16:41:09
Mode-Ion, Sample ID: 0
862 ppm, -174.4 mV
20.8 C ATC

PSF-575

55) 21-10-25 , 16:42:12
Mode-Ion, Sample ID: 0
880 ppm, -174.9 mV
21.0 C ATC

56) 21-10-25 , 16:43:14
Mode-Ion, Sample ID: 0
869 ppm, -174.6 mV
21.1 C ATC

57) 21-10-25 , 16:44:07
Mode-Ion, Sample ID: 0
883 ppm, -175.0 mV
21.1 C ATC

PSF-585

58) 21-10-25 , 16:45:05
Mode-Ion, Sample ID: 0
880 ppm, -174.9 mV
21.1 C ATC

59) 21-10-25 , 16:46:41
Mode-Ion, Sample ID: 0
883 ppm, -175.0 mV
20.9 C ATC

60) 21-10-25 , 16:47:38
Mode-Ion, Sample ID: 0
873 ppm, -174.7 mV
20.9 C ATC

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漱口水之氟含量檢測程序與紀錄

原始數據黏貼處:

QJF

ThermoFisher Scientific

Meter Model : ION 2700
Serial No : 2721131
Operator ID : _____

Signature :

pH Calibration Data

Not Calibrated .

mV Calibration Data

Not Calibrated .

Ion Calibration Data

Last Cal Date&Time:
21-10-25 , 15:32:54

Ion Values	Slope
10	
100	-57.9 mV
1000	-57.4 mV

Measurement Data

- 1) 21-10-25 , 15:39:29
Mode-Ion, Sample ID: 0
1000 ppm, -178.1 mV
21.1 C ATC
- 2) 21-10-25 , 15:44:37
Mode-Ion, Sample ID: 0
100 ppm, -120.8 mV
21.1 C ATC
- 3) 21-10-25 , 15:46:28
Mode-Ion, Sample ID: 0
10.00 ppm, -62.8 mV
21.1 C ATC

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- 4) 21-10-25 , 15:48:28
Mode-Ion, Sample ID: 0
883 ppm, -175.0 mV
20.8 C ATC
- 5) 21-10-25 , 15:49:24
Mode-Ion, Sample ID: 0
887 ppm, -175.1 mV
20.9 C ATC
- 6) 21-10-25 , 15:50:25
Mode-Ion, Sample ID: 0
883 ppm, -175.0 mV
21.0 C ATC
- 7) 21-10-25 , 15:51:02
Mode-Ion, Sample ID: 0
838 ppm, -173.7 mV
21.0 C ATC
- 8) 21-10-25 , 15:52:05
Mode-Ion, Sample ID: 0
835 ppm, -173.6 mV
21.1 C ATC
- 9) 21-10-25 , 15:53:29
Mode-Ion, Sample ID: 0
831 ppm, -173.5 mV
21.1 C ATC
- 10) 21-10-25 , 15:54:32
Mode-Ion, Sample ID: 0
890 ppm, -175.2 mV
21.0 C ATC
- 11) 21-10-25 , 15:55:21
Mode-Ion, Sample ID: 0
887 ppm, -175.1 mV
21.0 C ATC
- 12) 21-10-25 , 15:56:05
Mode-Ion, Sample ID: 0
897 ppm, -175.4 mV
21.0 C ATC
- 13) 21-10-25 , 15:57:20
Mode-Ion, Sample ID: 0
890 ppm, -175.2 mV
21.0 C ATC
- 14) 21-10-25 , 15:59:15
Mode-Ion, Sample ID: 0
887 ppm, -175.1 mV
21.0 C ATC
- 15) 21-10-25 , 16:00:55
Mode-Ion, Sample ID: 0
890 ppm, -175.2 mV
20.9 C ATC

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- 16) 21-10-25 , 16:02:23
Mode-Ion, Sample ID: 0
901 ppm, -175.5 mV
21.0 C ATC
- 17) 21-10-25 , 16:03:15
Mode-Ion, Sample ID: 0
897 ppm, -175.4 mV
21.0 C ATC
- 18) 21-10-25 , 16:04:15
Mode-Ion, Sample ID: 0
897 ppm, -175.4 mV
21.0 C ATC
- 19) 21-10-25 , 16:05:13
Mode-Ion, Sample ID: 0
897 ppm, -175.4 mV
21.0 C ATC
- 20) 21-10-25 , 16:06:02
Mode-Ion, Sample ID: 0
901 ppm, -175.5 mV
21.1 C ATC
- 21) 21-10-25 , 16:07:15
Mode-Ion, Sample ID: 0
897 ppm, -175.4 mV
21.1 C ATC
- 22) 21-10-25 , 16:08:15
Mode-Ion, Sample ID: 0
897 ppm, -175.4 mV
21.0 C ATC
- 23) 21-10-25 , 16:09:07
Mode-Ion, Sample ID: 0
901 ppm, -175.5 mV
21.0 C ATC
- 24) 21-10-25 , 16:10:14
Mode-Ion, Sample ID: 0
897 ppm, -175.4 mV
21.0 C ATC
- 25) 21-10-25 , 16:11:08
Mode-Ion, Sample ID: 0
887 ppm, -175.1 mV
21.0 C ATC
- 26) 21-10-25 , 16:12:03
Mode-Ion, Sample ID: 0
894 ppm, -175.3 mV
21.0 C ATC
- 27) 21-10-25 , 16:13:05
Mode-Ion, Sample ID: 0
890 ppm, -175.2 mV
21.0 C ATC

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原始數據黏貼處:

P58-485

- 28) 21-10-25 , 16:14:23
Mode-Ion, Sample ID: 0
901 ppm, -175.5 mV
21.0 C ATC
- 29) 21-10-25 , 16:16:17
Mode-Ion, Sample ID: 0
894 ppm, -175.3 mV
20.9 C ATC
- 30) 21-10-25 , 16:17:47
Mode-Ion, Sample ID: 0
897 ppm, -175.4 mV
21.0 C ATC
- P58-495*
- 31) 21-10-25 , 16:18:41
Mode-Ion, Sample ID: 0
894 ppm, -175.3 mV
21.0 C ATC
- 32) 21-10-25 , 16:19:51
Mode-Ion, Sample ID: 0
894 ppm, -175.3 mV
20.9 C ATC
- 33) 21-10-25 , 16:20:44
Mode-Ion, Sample ID: 0
887 ppm, -175.1 mV
20.9 C ATC
- P58-505*
- 34) 21-10-25 , 16:21:30
Mode-Ion, Sample ID: 0
894 ppm, -175.3 mV
21.0 C ATC
- 35) 21-10-25 , 16:22:24
Mode-Ion, Sample ID: 0
890 ppm, -175.2 mV
20.8 C ATC
- 36) 21-10-25 , 16:23:21
Mode-Ion, Sample ID: 0
876 ppm, -174.8 mV
21.0 C ATC
- P58-515*
- 37) 21-10-25 , 16:24:04
Mode-Ion, Sample ID: 0
890 ppm, -175.2 mV
20.9 C ATC
- 38) 21-10-25 , 16:25:17
Mode-Ion, Sample ID: 0
883 ppm, -175.0 mV
20.9 C ATC
- 39) 21-10-25 , 16:26:10
Mode-Ion, Sample ID: 0
883 ppm, -175.0 mV
20.9 C ATC

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- 40) 21-10-25 , 16:27:13
Mode-Ion, Sample ID: 0
887 ppm, -175.1 mV
20.8 C ATC
- 41) 21-10-25 , 16:28:36
Mode-Ion, Sample ID: 0
883 ppm, -175.0 mV
20.8 C ATC
- 42) 21-10-25 , 16:29:47
Mode-Ion, Sample ID: 0
894 ppm, -175.3 mV
20.8 C ATC
- P58-535*
- 43) 21-10-25 , 16:30:37
Mode-Ion, Sample ID: 0
873 ppm, -174.7 mV
20.8 C ATC
- 44) 21-10-25 , 16:31:15
Mode-Ion, Sample ID: 0
880 ppm, -174.9 mV
20.9 C ATC
- 45) 21-10-25 , 16:32:06
Mode-Ion, Sample ID: 0
869 ppm, -174.6 mV
20.9 C ATC
- P58-545*
- 46) 21-10-25 , 16:33:05
Mode-Ion, Sample ID: 0
894 ppm, -175.3 mV
20.9 C ATC
- 47) 21-10-25 , 16:33:53
Mode-Ion, Sample ID: 0
890 ppm, -175.2 mV
20.8 C ATC
- 48) 21-10-25 , 16:34:35
Mode-Ion, Sample ID: 0
873 ppm, -174.7 mV
20.8 C ATC
- P58-555*
- 49) 21-10-25 , 16:35:21
Mode-Ion, Sample ID: 0
880 ppm, -174.9 mV
20.7 C ATC
- 50) 21-10-25 , 16:36:29
Mode-Ion, Sample ID: 0
876 ppm, -174.8 mV
20.7 C ATC
- 51) 21-10-25 , 16:38:02
Mode-Ion, Sample ID: 0
880 ppm, -174.9 mV
20.9 C ATC

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- 52) 21-10-25 , 16:39:09
Mode-Ion, Sample ID: 0
869 ppm, -174.6 mV
20.8 C ATC
- 53) 21-10-25 , 16:40:11
Mode-Ion, Sample ID: 0
873 ppm, -174.7 mV
20.7 C ATC
- 54) 21-10-25 , 16:41:09
Mode-Ion, Sample ID: 0
862 ppm, -174.4 mV
20.8 C ATC
- P58-575*
- 55) 21-10-25 , 16:42:12
Mode-Ion, Sample ID: 0
880 ppm, -174.9 mV
21.0 C ATC
- 56) 21-10-25 , 16:43:14
Mode-Ion, Sample ID: 0
869 ppm, -174.6 mV
21.1 C ATC
- 57) 21-10-25 , 16:44:07
Mode-Ion, Sample ID: 0
883 ppm, -175.0 mV
21.1 C ATC
- P58-585*
- 58) 21-10-25 , 16:45:05
Mode-Ion, Sample ID: 0
880 ppm, -174.9 mV
21.1 C ATC
- 59) 21-10-25 , 16:46:41
Mode-Ion, Sample ID: 0
883 ppm, -175.0 mV
20.9 C ATC
- 60) 21-10-25 , 16:47:38
Mode-Ion, Sample ID: 0
873 ppm, -174.7 mV
20.9 C ATC

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