

西德有機化學藥品(股)公司

含氟漱口水氟檢驗報告

檢體批號	規格	結果	判定
P58212	氟化鈉(NaF)規格應 介於 0.2%±10% 相當氟離子(F) 904ppm ± 10%	868	符合
P58222		886	符合
P58232		880	符合
P58242		892	符合
P58252		886	符合
P58262		894	符合
P58272		886	符合
P58282		861	符合
P58292		893	符合
P58302		885	符合
P58312		889	符合
P58322		882	符合
P58332		883	符合
P58342		896	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 / 2022.08.09 Approved By/Date: Cindy deng 2022.08.09

漱口水之氟含量檢驗程序與紀錄

2.2 漱口水檢品檢測

每瓶送檢漱口水各取 2.5mL，加入 2.5mL Fluoride ISA Tisab1(F00IS01)，攪拌均勻並測其 ppm，結果如下表：(三重覆)

檢體批號	ppm			平均值(ppm)
P58212	868	871	864	868
P58222	886	886	886	886
P58232	882	879	879	880
P58242	896	893	886	892
P58252	889	886	882	886
P58262	893	896	893	894
P58272	886	886	886	886
P58282	861	861	861	861
P58292	896	893	889	893
P58302	882	886	886	885
P58312	889	893	886	889
P58322	886	882	879	882
P58332	882	886	882	883
P58342	896	896	896	896

以上檢品之產品氟化鈉(FNa)規格應介於 0.2%±10%

相當氟離子(F) 904ppm ± 10%

檢測者/日期：林素鈴
2022.02.08

漱口水之氟含量檢驗程序與紀錄

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 檢測步驟

2.1 儀器電極校正

2.1.1 氟離子標準液

(1) 1000ppm 氟離子標準液(F00AS02)

(2) 100ppm 氟離子標準液取 1000 ppm 氟離子標準液(F00AS02)10ml 加水定量至 100ml。

(3) 10ppm 氟離子標準液取 100 ppm 氟離子標準液(F00AS02)10ml 加水定量至 100ml。

2.1.2 檢量線校正

(1)以 10ppm、100ppm、1000ppm 各 2.5ml 及各加 2.5ml Fluoride ISA Tisabl(F00IS01)溶液進行電極校正。

(2)再以 10ppm、100ppm、1000ppm 各 2.5ml 及各加 2.5ml Fluoride ISA Tisabl(F00IS01)溶液，分別測量 10、100、1000ppm 三點之 ppm 值。

(3)試藥資訊

試藥名稱	有效期限
1000ppm 氟離子標準液(F00AS02)	2023. 09. 23
Fluoride ISA Tisabl(F00IS01)	2023. 11. 30

(4) 氟離子標準液測量結果

10ppm	100ppm	1000ppm
10.1	101	1012

漱口水之氟含量檢驗程序與紀錄

原始數據黏貼處:

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:
08-Aug-22 , 14:09:48

Ion Values Slope

10	
100	-58.5 mV
1000	-56.9 mV

Measurement Data

- 1) 08-Aug-22 , 14:15:32
Mode-Ion, Sample ID: 0
10.1 ppm, -83.0 mV
22.1 C ATC
- 2) 08-Aug-22 , 14:16:57
Mode-Ion, Sample ID: 0
101 ppm, -141.4 mV
22.1 C ATC
- 3) 08-Aug-22 , 14:19:22
Mode-Ion, Sample ID: 0
1012 ppm, -198.4 mV
22.1 C ATC

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P58-212

- 4) 08-Aug-22 , 14:40:13
Mode-Ion, Sample ID: 0
868 ppm, -194.6 mV
22.3 C ATC
- 5) 08-Aug-22 , 14:41:41
Mode-Ion, Sample ID: 0
871 ppm, -194.7 mV
22.3 C ATC
- 6) 08-Aug-22 , 14:43:51
Mode-Ion, Sample ID: 0
864 ppm, -194.5 mV
22.3 C ATC
- 7) 08-Aug-22 , 14:46:30
Mode-Ion, Sample ID: 0
886 ppm, -195.1 mV
22.2 C ATC
- 8) 08-Aug-22 , 14:47:53
Mode-Ion, Sample ID: 0
886 ppm, -195.1 mV
22.2 C ATC

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- 9) 08-Aug-22 , 14:49:15
Mode-Ion, Sample ID: 0
886 ppm, -195.1 mV
22.2 C ATC

- 10) 08-Aug-22 , 14:51:55
Mode-Ion, Sample ID: 0
882 ppm, -195.0 mV
22.2 C ATC

- 11) 08-Aug-22 , 14:52:52
Mode-Ion, Sample ID: 0
879 ppm, -194.9 mV
22.2 C ATC

- 12) 08-Aug-22 , 14:53:56
Mode-Ion, Sample ID: 0
879 ppm, -194.9 mV
22.2 C ATC

- 13) 08-Aug-22 , 14:56:19
Mode-Ion, Sample ID: 0
896 ppm, -195.4 mV
22.2 C ATC

- 14) 08-Aug-22 , 14:58:25
Mode-Ion, Sample ID: 0
893 ppm, -195.3 mV
22.3 C ATC

- 15) 08-Aug-22 , 14:59:37
Mode-Ion, Sample ID: 0
886 ppm, -195.1 mV
22.3 C ATC

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P58-252

- 16) 08-Aug-22 , 15:02:46
Mode-Ion, Sample ID: 0
889 ppm, -195.2 mV
22.3 C ATC
- 17) 08-Aug-22 , 15:03:20
Mode-Ion, Sample ID: 0
886 ppm, -195.1 mV
22.3 C ATC
- 18) 08-Aug-22 , 15:04:03
Mode-Ion, Sample ID: 0
882 ppm, -195.0 mV
22.3 C ATC
- 19) 08-Aug-22 , 15:05:23
Mode-Ion, Sample ID: 0
893 ppm, -195.3 mV
22.3 C ATC

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- 20) 08-Aug-22 , 15:06:29
Mode-Ion, Sample ID: 0
896 ppm, -195.4 mV
22.3 C ATC

- 21) 08-Aug-22 , 15:07:26
Mode-Ion, Sample ID: 0
893 ppm, -195.3 mV
22.3 C ATC

- 22) 08-Aug-22 , 15:09:00
Mode-Ion, Sample ID: 0
886 ppm, -195.1 mV
22.3 C ATC

- 23) 08-Aug-22 , 15:09:42
Mode-Ion, Sample ID: 0
886 ppm, -195.1 mV
22.3 C ATC

- 24) 08-Aug-22 , 15:11:37
Mode-Ion, Sample ID: 0
886 ppm, -195.1 mV
22.3 C ATC

- 25) 08-Aug-22 , 15:12:47
Mode-Ion, Sample ID: 0
861 ppm, -194.4 mV
22.3 C ATC

- 26) 08-Aug-22 , 15:13:11
Mode-Ion, Sample ID: 0
861 ppm, -194.4 mV
22.3 C ATC

- 27) 08-Aug-22 , 15:14:19
Mode-Ion, Sample ID: 0
861 ppm, -194.4 mV
22.3 C ATC

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漱口水之氟含量檢驗程序與紀錄

原始數據黏貼處:

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Mode-Ion, Sample ID: 0
889 ppm, -195.2 mV
22.2 C ATC

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p58-302

31) 08-Aug-22 , 15:18:14
Mode-Ion, Sample ID: 0
882 ppm, -195.0 mV
22.2 C ATC

32) 08-Aug-22 , 15:18:48
Mode-Ion, Sample ID: 0
886 ppm, -195.1 mV
22.2 C ATC

33) 08-Aug-22 , 15:20:03
Mode-Ion, Sample ID: 0
886 ppm, -195.1 mV
22.2 C ATC

34) 08-Aug-22 , 15:21:05
Mode-Ion, Sample ID: 0
889 ppm, -195.2 mV
22.3 C ATC

35) 08-Aug-22 , 15:22:03
Mode-Ion, Sample ID: 0
893 ppm, -195.3 mV
22.3 C ATC

36) 08-Aug-22 , 15:24:10
Mode-Ion, Sample ID: 0
886 ppm, -195.1 mV
22.3 C ATC

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886 ppm, -195.1 mV
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p58-332

40) 08-Aug-22 , 15:32:19
Mode-Ion, Sample ID: 0
882 ppm, -195.0 mV
22.3 C ATC

41) 08-Aug-22 , 15:33:23
Mode-Ion, Sample ID: 0
886 ppm, -195.1 mV
22.3 C ATC

42) 08-Aug-22 , 15:35:04
Mode-Ion, Sample ID: 0
882 ppm, -195.0 mV
22.3 C ATC

43) 08-Aug-22 , 15:35:46
Mode-Ion, Sample ID: 0
896 ppm, -195.4 mV
22.3 C ATC

44) 08-Aug-22 , 15:36:35
Mode-Ion, Sample ID: 0
896 ppm, -195.4 mV
22.3 C ATC

45) 08-Aug-22 , 15:37:14
Mode-Ion, Sample ID: 0
896 ppm, -195.4 mV
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p58-312

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p58-322

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p58-342

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22.3 C ATC

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