

Analysis Method: 9034

ANALYST: Iwona

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: jignesh

Run Number: LB122188

Constant: 16000

Normality1: 0.025

Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2924
Starch Solution, 4L	W2766

Seq	Lab ID	True Value (mg/l)	DF	Initial Weight (g)	Final Volume (ml)	T1 (ml)	T2 Initial	T2 Final	T2 Diff. (ml)	T1 - T2 Diff (mL)	Value Corrected With Blank	Result (ppm)	Anal Date	Anal Time
1	PB147904BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	09/26/2022	12:45
2	N4742-02		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	09/26/2022	12:48
3	N4742-02DUP		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.04	3.19	09/26/2022	12:50
4	N4742-04		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	09/26/2022	12:53
5	N4742-06		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.06	4.76	09/26/2022	12:55
6	N4764-03		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	09/26/2022	12:58
7	N4764-06		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.08	6.34	09/26/2022	13:00
8	N4764-09		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.04	3.18	09/26/2022	13:03
9	N4764-12		1	5.07	50	2.00	0.00	1.82	1.82	0.18	0.08	6.31	09/26/2022	13:05
10	N4790-02		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	09/26/2022	13:08
11	N4809-02		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.06	4.77	09/26/2022	13:10
12	N4809-05		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.04	3.19	09/26/2022	13:13

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume

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13	N4809-08		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	09/26/2022	13:15
14	N4812-02		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.08	6.35	09/26/2022	13:18

T1 = Titrant1

T2 = Titrant2

T2 Diff = T2 Final - T2 Initial

Value Corrected With Blank = ((T1 - T2 Diff) - Blank Correction(BL))

Result = ((T1 * Normality1) - ((T1 - Value Corrected With Blank) * Normality2)) * Constant / Initial Volume