

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB120080

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: Iwona
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2843
IODINE SOLUTION .025N 1L	W2864
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	PB144667BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	05/10/2022	13:20
2	N2738-01		1	5.05	50	2.00	1.92	3.80	1.88	0.12	0.04	3.17	05/10/2022	13:22
3	N2738-01DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	05/10/2022	13:25
4	N2738-02		1	5.06	50	2.00	5.70	7.56	1.86	0.14	0.06	4.74	05/10/2022	13:28
5	N2742-01		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	05/10/2022	13:30
6	N2742-02		1	5.03	50	2.00	1.90	3.76	1.86	0.14	0.06	4.77	05/10/2022	13:32
7	N2745-02		1	5.07	50	2.00	3.76	5.60	1.84	0.16	0.08	6.31	05/10/2022	13:35
8	N2745-05		1	5.04	50	2.00	5.60	7.42	1.82	0.18	0.10	7.94	05/10/2022	13:38
9	N2748-01		1	5.08	50	2.00	0.00	1.88	1.88	0.12	0.04	3.15	05/10/2022	13:40
10	N2748-02		1	5.06	50	2.00	1.88	3.72	1.84	0.16	0.08	6.32	05/10/2022	13:42
11	N2749-02		1	5.07	50	2.00	3.72	5.58	1.86	0.14	0.06	4.73	05/10/2022	13:45
12	N2749-05		1	5.09	50	2.00	5.58	7.40	1.82	0.18	0.10	7.86	05/10/2022	13:48

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	N2749-08		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.02	1.58	05/10/2022	13:50
14	N2749-11		1	5.06	50	2.00	1.90	3.78	1.88	0.12	0.04	3.16	05/10/2022	13:52
15	N2749-14		1	5.04	50	2.00	3.78	5.64	1.86	0.14	0.06	4.76	05/10/2022	13:55
16	N2749-17		1	5.09	50	2.00	5.64	7.48	1.84	0.16	0.08	6.29	05/10/2022	13:58
17	N2749-20		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.06	4.73	05/10/2022	14:00
18	N2755-02		1	5.08	50	2.00	1.86	3.70	1.84	0.16	0.08	6.30	05/10/2022	14:02
19	N2755-05		1	5.06	50	2.00	3.70	5.58	1.88	0.12	0.04	3.16	05/10/2022	14:05
20	N2760-02		1	5.08	50	2.00	5.58	7.40	1.82	0.18	0.10	7.87	05/10/2022	14:08

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