

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB119931

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 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	PB144456BL		1	5.00	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	05/02/2022	10:20
2	N2572-02		1	5.05	50	2.00	1.96	3.88	1.92	0.08	0.04	3.17	05/02/2022	10:22
3	N2572-02DUP		1	5.04	50	2.00	3.88	5.82	1.94	0.06	0.02	1.59	05/02/2022	10:25
4	N2572-05		1	5.05	50	2.00	5.82	7.70	1.88	0.12	0.08	6.34	05/02/2022	10:28
5	N2588-02		1	5.07	50	2.00	0.00	1.92	1.92	0.08	0.04	3.16	05/02/2022	10:30
6	N2588-04		1	5.08	50	2.00	1.92	3.82	1.90	0.10	0.06	4.72	05/02/2022	10:32
7	N2600-02		1	5.06	50	2.00	3.82	5.76	1.94	0.06	0.02	1.58	05/02/2022	10:35
8	N2600-05		1	5.03	50	2.00	5.76	7.68	1.92	0.08	0.04	3.18	05/02/2022	10:38
9	N2606-02		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.06	4.76	05/02/2022	10:40
10	N2609-02		1	5.07	50	2.00	1.90	3.84	1.94	0.06	0.02	1.58	05/02/2022	10:42
11	N2609-05		1	5.09	50	2.00	3.84	5.76	1.92	0.08	0.04	3.14	05/02/2022	10:45
12	N2609-08		1	5.08	50	2.00	5.76	7.70	1.94	0.06	0.02	1.57	05/02/2022	10:48

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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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
13	N2609-11		1	5.05	50	2.00	0.00	1.92	1.92	0.08	0.04	3.17	05/02/2022	10:50
14	N2616-02		1	5.06	50	2.00	1.92	3.80	1.88	0.12	0.08	6.32	05/02/2022	10:52
15	N2616-05		1	5.07	50	2.00	3.80	5.70	1.90	0.10	0.06	4.73	05/02/2022	10:55
16	N2616-08		1	5.06	50	2.00	5.70	7.64	1.94	0.06	0.02	1.58	05/02/2022	10:58
17	N2616-11		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.08	6.31	05/02/2022	11:00
18	N2641-03		1	5.09	50	2.00	1.88	3.80	1.92	0.08	0.04	3.14	05/02/2022	11:02
19	N2641-06		1	5.07	50	2.00	3.80	5.74	1.94	0.06	0.02	1.58	05/02/2022	11:05
20	N2644-03		1	5.06	50	2.00	5.74	7.64	1.90	0.10	0.06	4.74	05/02/2022	11:08

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