

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB118233

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	W2703

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	PB142033BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	01/14/2022	10:25
2	N1097-02		1	5.02	50	2.00	1.92	3.80	1.88	0.12	0.04	3.19	01/14/2022	10:28
3	N1097-02DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	01/14/2022	10:30
4	N1097-05		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	01/14/2022	10:32
5	N1097-08		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.08	6.31	01/14/2022	10:35
6	N1097-11		1	5.06	50	2.00	1.84	3.72	1.88	0.12	0.04	3.16	01/14/2022	10:38
7	N1097-14		1	5.06	50	2.00	3.72	5.58	1.86	0.14	0.06	4.74	01/14/2022	10:40
8	N1097-17		1	5.04	50	2.00	5.58	7.42	1.84	0.16	0.08	6.35	01/14/2022	10:42
9	N1112-02		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	01/14/2022	10:45
10	N1112-05		1	5.03	50	2.00	1.88	3.72	1.84	0.16	0.08	6.36	01/14/2022	10:48
11	N1121-03		1	5.05	50	2.00	3.72	5.58	1.86	0.14	0.06	4.75	01/14/2022	10:50
12	N1124-04		1	5.03	50	2.00	5.58	7.40	1.82	0.18	0.10	7.95	01/14/2022	10:52

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	N1130-02		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	01/14/2022	10:55
14	N1130-05		1	5.08	50	2.00	1.90	3.76	1.86	0.14	0.06	4.72	01/14/2022	10:58
15	N1136-02		1	5.07	50	2.00	3.76	5.60	1.84	0.16	0.08	6.31	01/14/2022	11:02
16	N1136-05		1	5.09	50	2.00	5.60	7.48	1.88	0.12	0.04	3.14	01/14/2022	11:05

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