

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB118477

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	PB142416BL		1	5.00	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	01/31/2022	15:05
2	N1325-02		1	5.06	50	2.00	1.96	3.86	1.90	0.10	0.06	4.74	01/31/2022	15:08
3	N1325-02DUP		1	5.08	50	2.00	3.86	5.78	1.92	0.08	0.04	3.15	01/31/2022	15:12
4	N1325-05		1	5.09	50	2.00	5.78	7.72	1.94	0.06	0.02	1.57	01/31/2022	15:15
5	N1325-08		1	5.07	50	2.00	0.00	1.94	1.94	0.06	0.02	1.58	01/31/2022	15:18
6	N1325-11		1	5.06	50	2.00	1.94	3.86	1.92	0.08	0.04	3.16	01/31/2022	15:20
7	N1325-14		1	5.08	50	2.00	3.86	5.76	1.90	0.10	0.06	4.72	01/31/2022	15:22
8	N1325-17		1	5.05	50	2.00	5.76	7.70	1.94	0.06	0.02	1.58	01/31/2022	15:25
9	N1325-20		1	5.07	50	2.00	0.00	1.88	1.88	0.12	0.08	6.31	01/31/2022	15:28
10	N1335-02		1	5.09	50	2.00	1.88	3.78	1.90	0.10	0.06	4.72	01/31/2022	15:30
11	N1335-05		1	5.08	50	2.00	3.78	5.70	1.92	0.08	0.04	3.15	01/31/2022	15:35
12	N1335-08		1	5.06	50	2.00	5.70	7.64	1.94	0.06	0.02	1.58	01/31/2022	15:40

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	N1335-11		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.04	3.17	01/31/2022	15:42

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