

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB118376

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	PB142221BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	01/26/2022	12:45
2	N1235-02		1	5.05	50	2.00	1.90	3.78	1.88	0.12	0.02	1.58	01/26/2022	12:48
3	N1235-02DUP		1	5.04	50	2.00	3.78	5.68	1.90	0.10	0.00	0.00	01/26/2022	12:50
4	N1235-05		1	5.05	50	2.00	5.68	7.54	1.86	0.14	0.04	3.17	01/26/2022	12:52
5	N1243-03		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	01/26/2022	12:55
6	N1243-07		1	5.03	50	2.00	1.88	3.72	1.84	0.16	0.06	4.77	01/26/2022	12:58
7	N1243-11		1	5.06	50	2.00	3.72	5.58	1.86	0.14	0.04	3.16	01/26/2022	13:00
8	N1248-02		1	5.04	50	2.00	5.58	7.40	1.82	0.18	0.08	6.35	01/26/2022	13:02
9	N1263-02		1	5.06	50	2.00	0.00	1.86	1.86	0.14	0.04	3.16	01/26/2022	13:05
10	N1267-02		1	5.08	50	2.00	1.86	3.74	1.88	0.12	0.02	1.57	01/26/2022	13:08
11	N1267-05		1	5.07	50	2.00	3.74	5.58	1.84	0.16	0.06	4.73	01/26/2022	13:10
12	N1267-08		1	5.09	50	2.00	5.58	7.46	1.88	0.12	0.02	1.57	01/26/2022	13:12

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	N1267-11		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	01/26/2022	13:15
14	N1267-14		1	5.06	50	2.00	1.88	3.72	1.84	0.16	0.06	4.74	01/26/2022	13:18
15	N1267-17		1	5.07	50	2.00	3.72	5.58	1.86	0.14	0.04	3.16	01/26/2022	13:20
16	N1267-20		1	5.09	50	2.00	5.58	7.40	1.82	0.18	0.08	6.29	01/26/2022	13:22
17	N1267-23		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.06	4.75	01/26/2022	13:25

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