

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB119750

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	PB144229BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	04/19/2022	14:05
2	N2439-02		1	5.05	50	2.00	1.94	3.84	1.90	0.10	0.04	3.17	04/19/2022	14:08
3	N2439-02DUP		1	5.03	50	2.00	3.84	5.76	1.92	0.08	0.02	1.59	04/19/2022	14:10
4	N2439-04		1	5.06	50	2.00	5.76	7.64	1.88	0.12	0.06	4.74	04/19/2022	14:12
5	N2452-02		1	5.04	50	2.00	0.00	1.92	1.92	0.08	0.02	1.59	04/19/2022	14:15
6	N2452-06		1	5.02	50	2.00	1.92	3.82	1.90	0.10	0.04	3.19	04/19/2022	14:18
7	N2452-10		1	5.07	50	2.00	3.82	5.70	1.88	0.12	0.06	4.73	04/19/2022	14:20
8	N2452-14		1	5.03	50	2.00	5.70	7.60	1.90	0.10	0.04	3.18	04/19/2022	14:22
9	N2459-01		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.04	3.17	04/19/2022	14:25
10	N2459-02		1	5.09	50	2.00	1.90	3.76	1.86	0.14	0.08	6.29	04/19/2022	14:28
11	N2468-04		1	5.07	50	2.00	3.76	5.66	1.90	0.10	0.04	3.16	04/19/2022	14:30
12	N2468-08		1	5.08	50	2.00	5.66	7.58	1.92	0.08	0.02	1.57	04/19/2022	14:32

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	N2468-12		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.06	4.74	04/19/2022	14:35

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