

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB118739

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	PB142791BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	02/18/2022	14:15
2	N1534-01		1	5.08	50	2.00	1.92	3.80	1.88	0.12	0.04	3.15	02/18/2022	14:18
3	N1534-01DUP		1	5.07	50	2.00	3.80	5.70	1.90	0.10	0.02	1.58	02/18/2022	14:20
4	N1552-02		1	5.06	50	2.00	5.70	7.54	1.84	0.16	0.08	6.32	02/18/2022	14:22
5	N1552-05		1	5.09	50	2.00	0.00	1.86	1.86	0.14	0.06	4.72	02/18/2022	14:25
6	N1556-02		1	5.07	50	2.00	1.86	3.74	1.88	0.12	0.04	3.16	02/18/2022	14:28
7	N1561-03		1	5.08	50	2.00	3.74	5.60	1.86	0.14	0.06	4.72	02/18/2022	14:30
8	N1561-06		1	5.05	50	2.00	5.60	7.50	1.90	0.10	0.02	1.58	02/18/2022	14:32
9	N1564-02		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	02/18/2022	14:35
10	N1564-05		1	5.07	50	2.00	1.88	3.70	1.82	0.18	0.10	7.89	02/18/2022	14:38
11	N1571-02		1	5.09	50	2.00	3.70	5.54	1.84	0.16	0.08	6.29	02/18/2022	14:40
12	N1595-01		1	5.08	50	2.00	5.54	7.40	1.86	0.14	0.06	4.72	02/18/2022	14:42

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

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13	N1595-02		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.04	3.16	02/18/2022	14:45

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