

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB116731

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	PB139593BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	10/07/2021	13:10
2	M4039-02		1	5.02	50	2.00	1.90	3.76	1.86	0.14	0.04	3.19	10/07/2021	13:12
3	M4039-02DUP		1	5.04	50	2.00	3.76	5.64	1.88	0.12	0.02	1.59	10/07/2021	13:15
4	M4039-05		1	5.05	50	2.00	5.64	7.48	1.84	0.16	0.06	4.75	10/07/2021	13:18
5	M4041-01		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.08	6.37	10/07/2021	13:20
6	M4041-02		1	5.03	50	2.00	1.82	3.62	1.80	0.20	0.10	7.95	10/07/2021	13:22
7	M4041-03		1	5.06	50	2.00	3.62	5.48	1.86	0.14	0.04	3.16	10/07/2021	13:25
8	M4041-04		1	5.04	50	2.00	5.48	7.30	1.82	0.18	0.08	6.35	10/07/2021	13:28
9	M4047-02		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.04	3.18	10/07/2021	13:30
10	M4047-04		1	5.04	50	2.00	1.86	3.70	1.84	0.16	0.06	4.76	10/07/2021	13:32
11	M4057-02		1	5.03	50	2.00	3.70	5.54	1.84	0.16	0.06	4.77	10/07/2021	13:35
12	M4072-02		1	5.05	50	2.00	5.54	7.40	1.86	0.14	0.04	3.17	10/07/2021	13:38

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	M4087-10		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	10/07/2021	13:40
14	M4111-02		1	5.08	50	2.00	1.88	3.70	1.82	0.18	0.08	6.30	10/07/2021	13:42
15	M4111-05		1	5.07	50	2.00	3.70	5.50	1.80	0.20	0.10	7.89	10/07/2021	13:45
16	M4111-08		1	5.06	50	2.00	5.50	7.34	1.84	0.16	0.06	4.74	10/07/2021	13:48

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