

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB114557

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP90938
IODINE SOLUTION .025N 1L	W2763
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	PB136502BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	05/20/2021	13:15
2	M2366-07		1	5.02	50	2.00	1.92	3.80	1.88	0.12	0.04	3.19	05/20/2021	13:18
3	M2366-07DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	05/20/2021	13:22
4	M2366-08		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	05/20/2021	13:25
5	M2366-09		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	05/20/2021	13:28
6	M2435-02		1	5.06	50	2.00	1.84	3.70	1.86	0.14	0.06	4.74	05/20/2021	13:32
7	M2435-05		1	5.03	50	2.00	3.70	5.52	1.82	0.18	0.10	7.95	05/20/2021	13:35
8	M2435-08		1	5.04	50	2.00	5.52	7.36	1.84	0.16	0.08	6.35	05/20/2021	13:38
9	M2435-11		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.06	4.79	05/20/2021	13:40
10	M2435-14		1	5.02	50	2.00	1.86	3.74	1.88	0.12	0.04	3.19	05/20/2021	13:42
11	M2435-17		1	5.04	50	2.00	3.74	5.60	1.86	0.14	0.06	4.76	05/20/2021	13:45
12	M2437-03		1	5.05	50	2.00	5.60	7.44	1.84	0.16	0.08	6.34	05/20/2021	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

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13	M2437-06		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.06	4.76	05/20/2021	13:50
14	M2437-09		1	5.05	50	2.00	1.86	3.70	1.84	0.16	0.08	6.34	05/20/2021	13:52
15	M2457-03		1	5.07	50	2.00	3.70	5.52	1.82	0.18	0.10	7.89	05/20/2021	13:55

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