

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB115297

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	PB137603BL		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	07/09/2021	14:15
2	M2967-01		1	5.05	50	2.00	1.92	3.80	1.88	0.12	0.04	3.17	07/09/2021	14:18
3	M2967-01DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	07/09/2021	14:20
4	M2967-05		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	07/09/2021	14:22
5	M2967-09		1	5.00	50	2.00	0.00	1.84	1.84	0.16	0.08	6.40	07/09/2021	14:25
6	M2969-02		1	5.02	50	2.00	1.84	3.70	1.86	0.14	0.06	4.78	07/09/2021	14:28
7	M2969-04		1	5.03	50	2.00	3.70	5.52	1.82	0.18	0.10	7.95	07/09/2021	14:30
8	M2969-06		1	5.04	50	2.00	5.52	7.40	1.88	0.12	0.04	3.17	07/09/2021	14:32
9	M2969-08		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.12	9.56	07/09/2021	14:35
10	M2969-10		1	5.03	50	2.00	1.80	3.64	1.84	0.16	0.08	6.36	07/09/2021	14:38
11	M2969-12		1	5.05	50	2.00	3.64	5.50	1.86	0.14	0.06	4.75	07/09/2021	14:40
12	M2969-14		1	5.02	50	2.00	5.50	7.38	1.88	0.12	0.04	3.19	07/09/2021	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	M2969-16		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.06	4.75	07/09/2021	14:45
14	M2984-01		1	5.06	50	2.00	1.86	3.68	1.82	0.18	0.10	7.91	07/09/2021	14:48
15	M2984-03		1	5.03	50	2.00	3.68	5.48	1.80	0.20	0.12	9.54	07/09/2021	14:50
16	M2987-01		1	5.02	50	2.00	5.48	7.30	1.82	0.18	0.10	7.97	07/09/2021	14:52

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