

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB110772

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP84605
IODINE SOLUTION .025N 1L	W2670
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	PB131337BL		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	09/01/2020	14:40
2	L3506-15		1	5.02	50	2.00	1.86	3.68	1.82	0.18	0.04	3.19	09/01/2020	14:42
3	L3506-15DUP		1	5.04	50	2.00	3.68	5.52	1.84	0.16	0.02	1.59	09/01/2020	14:45
4	L3849-02		1	5.05	50	2.00	5.52	7.32	1.80	0.20	0.06	4.75	09/01/2020	14:48
5	L3849-05		1	5.00	50	2.00	0.00	1.84	1.84	0.16	0.02	1.60	09/01/2020	14:50
6	L3849-08		1	5.03	50	2.00	1.84	3.64	1.80	0.20	0.06	4.77	09/01/2020	14:52
7	L3850-02		1	5.06	50	2.00	3.64	5.42	1.78	0.22	0.08	6.32	09/01/2020	14:55
8	L3850-05		1	5.04	50	2.00	5.42	7.24	1.82	0.18	0.04	3.17	09/01/2020	14:58
9	L3851-02		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.04	3.19	09/01/2020	15:02
10	L3851-05		1	5.03	50	2.00	1.82	3.60	1.78	0.22	0.08	6.36	09/01/2020	15:05
11	L3851-08		1	5.05	50	2.00	3.60	5.36	1.76	0.24	0.10	7.92	09/01/2020	15:08
12	L3851-11		1	5.03	50	2.00	5.36	7.16	1.80	0.20	0.06	4.77	09/01/2020	15:12

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	L3851-14		1	5.04	50	2.00	7.16	8.90	1.74	0.26	0.12	9.52	09/01/2020	15:15
14	L3851-17		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.04	3.18	09/01/2020	15:18
15	L3852-02		1	5.02	50	2.00	1.82	3.62	1.80	0.20	0.06	4.78	09/01/2020	15:22
16	L3852-05		1	5.04	50	2.00	3.62	5.40	1.78	0.22	0.08	6.35	09/01/2020	15:25
17	L3852-08		1	5.05	50	2.00	5.40	7.20	1.80	0.20	0.06	4.75	09/01/2020	15:28
18	L3853-02		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.02	1.58	09/01/2020	15:30
19	L3853-05		1	5.04	50	2.00	1.84	3.64	1.80	0.20	0.06	4.76	09/01/2020	15:32

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