

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB110327

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	PB130665BL		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	07/31/2020	16:05
2	L3507-07		1	5.05	50	2.00	1.86	3.68	1.82	0.18	0.04	3.17	07/31/2020	16:08
3	L3507-07DUP		1	5.03	50	2.00	3.68	5.52	1.84	0.16	0.02	1.59	07/31/2020	16:12
4	L3511-03		1	5.04	50	2.00	5.52	7.30	1.78	0.22	0.08	6.35	07/31/2020	16:15
5	L3511-08		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.06	4.78	07/31/2020	16:18
6	L3511-13		1	5.03	50	2.00	1.80	3.56	1.76	0.24	0.10	7.95	07/31/2020	16:22
7	L3511-18		1	5.06	50	2.00	3.56	5.34	1.78	0.22	0.08	6.32	07/31/2020	16:25
8	L3518-03		1	5.04	50	2.00	5.34	7.14	1.80	0.20	0.06	4.76	07/31/2020	16:28
9	L3518-08		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.04	3.19	07/31/2020	16:30
10	L3518-13		1	5.03	50	2.00	1.82	3.58	1.76	0.24	0.10	7.95	07/31/2020	16:32
11	L3518-18		1	5.02	50	2.00	3.58	5.38	1.80	0.20	0.06	4.78	07/31/2020	16:35
12	L3518-23		1	5.03	50	2.00	5.38	7.14	1.76	0.24	0.10	7.95	07/31/2020	16:38

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	L3518-28		1	5.04	50	2.00	7.14	8.92	1.78	0.22	0.08	6.35	07/31/2020	16:40
14	L3518-33		1	5.05	50	2.00	0.00	1.78	1.78	0.22	0.08	6.34	07/31/2020	16:42
15	L3518-38		1	5.03	50	2.00	1.78	3.58	1.80	0.20	0.06	4.77	07/31/2020	16:45
16	L3518-43		1	5.04	50	2.00	3.58	5.40	1.82	0.18	0.04	3.17	07/31/2020	16:48
17	L3518-48		1	5.01	50	2.00	5.40	7.18	1.78	0.22	0.08	6.39	07/31/2020	16:50

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