

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109798

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP83473
IODINE SOLUTION .025N 1L	W2669
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	PB129828BL		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	06/30/2020	14:30
2	L2806-04		1	5.02	50	2.00	1.86	3.64	1.78	0.22	0.08	6.37	06/30/2020	14:32
3	L2806-04DUP		1	5.04	50	2.00	3.64	5.44	1.80	0.20	0.06	4.76	06/30/2020	14:35
4	L2815-20		1	5.09	50	2.00	5.44	7.28	1.84	0.16	0.02	1.57	06/30/2020	14:38
5	L2819-08		1	5.05	50	2.00	0.00	1.76	1.76	0.24	0.10	7.92	06/30/2020	14:40
6	L3148-06		1	5.04	50	2.00	1.76	3.50	1.74	0.26	0.12	9.52	06/30/2020	14:42
7	L3148-07		1	5.08	50	2.00	3.50	5.30	1.80	0.20	0.06	4.72	06/30/2020	14:45
8	L3148-08		1	5.07	50	2.00	5.30	7.06	1.76	0.24	0.10	7.89	06/30/2020	14:48
9	L3148-09		1	5.09	50	2.00	0.00	1.72	1.72	0.28	0.14	11.00	06/30/2020	14:50
10	L3148-10		1	5.03	50	2.00	1.72	3.46	1.74	0.26	0.12	9.54	06/30/2020	14:52
11	L3157-11		1	5.07	50	2.00	3.46	5.28	1.82	0.18	0.04	3.16	06/30/2020	14:55
12	L3157-12		1	5.06	50	2.00	5.28	7.12	1.84	0.16	0.02	1.58	06/30/2020	14:58

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	L3157-13		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.02	1.59	06/30/2020	15:01

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