

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109604

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	PB129486BL		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	06/15/2020	15:05
2	L2808-05		1	5.03	50	2.00	1.90	3.66	1.76	0.24	0.14	11.13	06/15/2020	15:08
3	L2817-05		1	5.04	50	2.00	3.66	5.52	1.86	0.14	0.04	3.17	06/15/2020	15:12
4	L2817-05DUP		1	5.05	50	2.00	5.52	7.40	1.88	0.12	0.02	1.58	06/15/2020	15:15
5	L2819-03		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.10	7.97	06/15/2020	15:18
6	L2970-03		1	5.06	50	2.00	1.80	3.52	1.72	0.28	0.18	14.23	06/15/2020	15:22
7	L2997-02		1	5.08	50	2.00	3.52	5.22	1.70	0.30	0.20	15.75	06/15/2020	15:25
8	L2998-01		1	5.02	50	2.00	5.22	6.96	1.74	0.26	0.16	12.75	06/15/2020	15:28
9	L3013-02		1	5.04	50	2.00	0.00	1.72	1.72	0.28	0.18	14.29	06/15/2020	15:30
10	L3013-04		1	5.02	50	2.00	1.72	3.32	1.60	0.40	0.30	23.90	06/15/2020	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