

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB110112

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	PB130313BL		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	07/20/2020	13:05
2	L3177-04		1	5.02	50	2.00	1.86	3.62	1.76	0.24	0.10	7.97	07/20/2020	13:08
3	L3177-04DUP		1	5.04	50	2.00	3.62	5.40	1.78	0.22	0.08	6.35	07/20/2020	13:12
4	L3182-05		1	5.05	50	2.00	5.40	7.24	1.84	0.16	0.02	1.58	07/20/2020	13:15
5	L3188-16		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.06	4.78	07/20/2020	13:18
6	L3335-04		1	5.06	50	2.00	1.80	3.62	1.82	0.18	0.04	3.16	07/20/2020	13:20
7	L3335-08		1	5.02	50	2.00	3.62	5.44	1.82	0.18	0.04	3.19	07/20/2020	13:22
8	L3335-12		1	5.03	50	2.00	5.44	7.18	1.74	0.26	0.12	9.54	07/20/2020	13:25
9	L3344-04		1	5.01	50	2.00	0.00	1.72	1.72	0.28	0.14	11.18	07/20/2020	13:28
10	L3344-08		1	5.04	50	2.00	1.72	3.48	1.76	0.24	0.10	7.94	07/20/2020	13:30
11	L3344-12		1	5.02	50	2.00	3.48	5.22	1.74	0.26	0.12	9.56	07/20/2020	13:32

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