

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB111763

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP87313
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	PB132711BL		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	10/30/2020	11:32
2	L4215-04		1	5.02	50	2.00	1.88	3.70	1.82	0.18	0.06	4.78	10/30/2020	11:35
3	L4215-04DUP		1	5.04	50	2.00	3.70	5.54	1.84	0.16	0.04	3.17	10/30/2020	11:38
4	L4217-11		1	5.05	50	2.00	5.54	7.40	1.86	0.14	0.02	1.58	10/30/2020	11:40
5	L4222-11		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.08	6.37	10/30/2020	11:42
6	L4227-10		1	5.06	50	2.00	1.80	3.62	1.82	0.18	0.06	4.74	10/30/2020	11:45
7	L4531-05		1	5.07	50	2.00	3.62	5.40	1.78	0.22	0.10	7.89	10/30/2020	11:48
8	L4549-01		1	5.09	50	2.00	5.40	7.20	1.80	0.20	0.08	6.29	10/30/2020	11:50
9	L4549-02		1	5.08	50	2.00	0.00	1.78	1.78	0.22	0.10	7.87	10/30/2020	11:52
10	L4568-01		1	5.06	50	2.00	1.78	3.54	1.76	0.24	0.12	9.49	10/30/2020	11:55
11	L4568-02		1	5.02	50	2.00	3.54	5.30	1.76	0.24	0.12	9.56	10/30/2020	11:58

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