

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB109391

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	PB129177BL		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	06/01/2020	14:05
2	L2503-15		1	5.02	50	2.00	1.90	3.76	1.86	0.14	0.04	3.19	06/01/2020	14:08
3	L2503-15DUP		1	5.04	50	2.00	3.76	5.64	1.88	0.12	0.02	1.59	06/01/2020	14:12
4	L2797-02		1	5.05	50	2.00	5.64	7.50	1.86	0.14	0.04	3.17	06/01/2020	14:15
5	L2797-07		1	5.02	50	2.00	0.00	1.78	1.78	0.22	0.12	9.56	06/01/2020	14:18
6	L2805-02		1	5.03	50	2.00	1.78	3.64	1.86	0.14	0.04	3.18	06/01/2020	14:22
7	L2813-06		1	5.06	50	2.00	3.64	5.50	1.86	0.14	0.04	3.16	06/01/2020	14:25
8	L2814-06		1	5.07	50	2.00	5.50	7.18	1.68	0.32	0.22	17.36	06/01/2020	14:28
9	L2822-04		1	5.05	50	2.00	0.00	1.68	1.68	0.32	0.22	17.43	06/01/2020	14:32
10	L2822-05		1	5.06	50	2.00	1.68	3.54	1.86	0.14	0.04	3.16	06/01/2020	14:35
11	L2822-06		1	5.03	50	2.00	3.54	5.22	1.68	0.32	0.22	17.50	06/01/2020	14:38

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