

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB112510

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	W2763
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	PB133757BL		1	5.00	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	12/23/2020	11:40
2	L5176-04		1	5.03	50	2.00	1.94	3.82	1.88	0.12	0.06	4.77	12/23/2020	11:42
3	L5176-04DUP		1	5.04	50	2.00	3.82	5.72	1.90	0.10	0.04	3.17	12/23/2020	11:45
4	L5176-06		1	5.05	50	2.00	5.72	7.64	1.92	0.08	0.02	1.58	12/23/2020	11:48
5	L5179-02		1	5.07	50	2.00	0.00	1.90	1.90	0.10	0.04	3.16	12/23/2020	11:52
6	L5189-02		1	5.06	50	2.00	1.90	3.78	1.88	0.12	0.06	4.74	12/23/2020	11:55
7	L5189-07		1	5.03	50	2.00	3.78	5.64	1.86	0.14	0.08	6.36	12/23/2020	11:58
8	L5189-12		1	5.04	50	2.00	5.64	7.54	1.90	0.10	0.04	3.17	12/23/2020	12:02
9	L5189-17		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.06	4.78	12/23/2020	12:05

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