

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108097

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP81413
IODINE SOLUTION .025N 1L	W2669
Starch Solution, 4L	W2379

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	PB127266BL		1	5.02	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	03/04/2020	14:35
2	L1721-02		1	5.02	50	2.00	1.96	3.86	1.90	0.10	0.06	4.78	03/04/2020	14:38
3	L1721-02DUP		1	5.04	50	2.00	3.86	5.78	1.92	0.08	0.04	3.17	03/04/2020	14:40
4	L1748-04		1	5.05	50	2.00	5.78	7.66	1.88	0.12	0.08	6.34	03/04/2020	14:42
5	L1757-06		1	5.00	50	2.00	0.00	1.92	1.92	0.08	0.04	3.20	03/04/2020	14:45
6	L1759-05		1	5.02	50	2.00	1.92	3.86	1.94	0.06	0.02	1.59	03/04/2020	14:48
7	L1762-03		1	5.03	50	2.00	3.86	5.76	1.90	0.10	0.06	4.77	03/04/2020	14:52
8	L1762-06		1	5.04	50	2.00	5.76	7.70	1.94	0.06	0.02	1.59	03/04/2020	14:55
9	L1762-09		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.10	7.95	03/04/2020	14:58
10	L1775-05		1	5.02	50	2.00	1.86	3.76	1.90	0.10	0.06	4.78	03/04/2020	15:02
11	L1775-11		1	5.05	50	2.00	3.76	5.64	1.88	0.12	0.08	6.34	03/04/2020	15:05
12	L1775-17		1	5.01	50	2.00	5.64	7.50	1.86	0.14	0.10	7.98	03/04/2020	15:08

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