

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108194

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	PB127408BL		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	03/10/2020	11:51
2	L1849-02		1	5.02	50	2.00	1.88	3.70	1.82	0.18	0.06	4.78	03/10/2020	11:53
3	L1849-02DUP		1	5.04	50	2.00	3.70	5.54	1.84	0.16	0.04	3.17	03/10/2020	11:55
4	L1849-04		1	5.05	50	2.00	5.54	7.40	1.86	0.14	0.02	1.58	03/10/2020	11:58
5	L1852-04		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.04	3.19	03/10/2020	12:01
6	L1852-08		1	5.03	50	2.00	1.84	3.64	1.80	0.20	0.08	6.36	03/10/2020	12:04
7	L1852-12		1	5.06	50	2.00	3.64	5.46	1.82	0.18	0.06	4.74	03/10/2020	12:06
8	L1852-16		1	5.04	50	2.00	5.46	7.30	1.84	0.16	0.04	3.17	03/10/2020	12:09
9	L1852-20		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.06	4.77	03/10/2020	12:12
10	L1852-24		1	5.01	50	2.00	1.82	3.68	1.86	0.14	0.02	1.60	03/10/2020	12:15

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