

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB110823

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP86633
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	PB131404BL		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	09/03/2020	14:35
2	L3859-04		1	5.02	50	2.00	1.90	3.74	1.84	0.16	0.06	4.78	09/03/2020	14:38
3	L3859-04DUP		1	5.04	50	2.00	3.74	5.60	1.86	0.14	0.04	3.17	09/03/2020	14:42
4	L3866-05		1	5.05	50	2.00	5.60	7.42	1.82	0.18	0.08	6.34	09/03/2020	14:45
5	L3871-04		1	5.04	50	2.00	0.00	1.80	1.80	0.20	0.10	7.94	09/03/2020	14:48
6	L3873-01		1	5.06	50	2.00	1.80	3.64	1.84	0.16	0.06	4.74	09/03/2020	14:50
7	L3877-03		1	5.03	50	2.00	3.64	5.50	1.86	0.14	0.04	3.18	09/03/2020	14:52
8	L3877-08		1	5.02	50	2.00	5.50	7.32	1.82	0.18	0.08	6.37	09/03/2020	14:55
9	L3877-13		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.06	4.76	09/03/2020	14:58
10	L3877-18		1	5.03	50	2.00	1.84	3.70	1.86	0.14	0.04	3.18	09/03/2020	15:02
11	L3887-02		1	5.02	50	2.00	3.70	5.54	1.84	0.16	0.06	4.78	09/03/2020	15:05

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