

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB102133

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP71781
IODINE SOLUTION .025N 1L	W2479
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	K2422-04		1	5.04	50	2.00	1.70	3.42	1.72	0.28	0.10	7.94	04/16/2019	13:55
2	K2422-08		1	5.02	50	2.00	3.42	5.10	1.68	0.32	0.14	11.16	04/16/2019	13:58
3	K2422-12		1	5.03	50	2.00	5.10	6.86	1.76	0.24	0.06	4.77	04/16/2019	14:02
4	PB118935BL		1	5.00	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	04/16/2019	13:30
5	K2203-10		1	5.02	50	2.00	1.82	3.60	1.78	0.22	0.04	3.19	04/16/2019	13:32
6	K2203-10DUP		1	5.04	50	2.00	3.60	5.40	1.80	0.20	0.02	1.59	04/16/2019	13:35
7	K2203-12		1	5.05	50	2.00	0.00	1.70	1.70	0.30	0.12	9.50	04/16/2019	13:38
8	K2411-04		1	5.00	50	2.00	1.70	3.48	1.78	0.22	0.04	3.20	04/16/2019	13:42
9	K2411-08		1	5.02	50	2.00	3.48	5.16	1.68	0.32	0.14	11.16	04/16/2019	13:45
10	K2411-12		1	5.03	50	2.00	5.16	6.96	1.80	0.20	0.02	1.59	04/16/2019	13:48
11	K2421-01		1	5.01	50	2.00	0.00	1.70	1.70	0.30	0.12	9.58	04/16/2019	13:52

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