

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104517

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP74519
IODINE SOLUTION .025N 1L	W2480
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	PB122148BL		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	08/09/2019	14:05
2	K4238-02		1	5.02	50	2.00	1.92	3.80	1.88	0.12	0.04	3.19	08/09/2019	14:08
3	K4238-02DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	08/09/2019	14:12
4	K4238-06		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	08/09/2019	14:15
5	K4244-02		1	5.00	50	2.00	0.00	1.86	1.86	0.14	0.06	4.80	08/09/2019	14:18
6	K4244-04		1	5.02	50	2.00	1.86	3.68	1.82	0.18	0.10	7.97	08/09/2019	14:22
7	K4245-07		1	5.03	50	2.00	3.68	5.48	1.80	0.20	0.12	9.54	08/09/2019	14:25
8	K4245-08		1	5.02	50	2.00	5.48	7.34	1.86	0.14	0.06	4.78	08/09/2019	14:28
9	K4245-09		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.08	6.35	08/09/2019	14:32

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