

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB105049

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP77620
IODINE SOLUTION .025N 1L	W2508
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	PB122968BL		1	5.00	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	09/10/2019	11:50
2	K4712-08		1	5.00	50	2.00	1.96	3.90	1.94	0.06	0.02	1.60	09/10/2019	11:51
3	K4764-10		1	5.03	50	2.00	4.00	5.90	1.90	0.10	0.06	4.77	09/10/2019	11:51
4	K4764-11		1	5.01	50	2.00	5.90	7.84	1.94	0.06	0.02	1.60	09/10/2019	11:52
5	K4764-12		1	5.06	50	2.00	7.82	9.66	1.84	0.16	0.12	9.49	09/10/2019	11:53
6	K4787-04		1	5.05	50	2.00	0.00	1.94	1.94	0.06	0.02	1.58	09/10/2019	11:53
7	K4787-08		1	5.07	50	2.00	1.94	3.86	1.92	0.08	0.04	3.16	09/10/2019	11:54
8	K4787-12		1	5.08	50	2.00	3.90	5.82	1.92	0.08	0.04	3.15	09/10/2019	11:55
9	K4790-05		1	5.04	50	2.00	5.82	7.76	1.94	0.06	0.02	1.59	09/10/2019	11:55
10	K4790-08		1	5.03	50	2.00	7.78	9.66	1.88	0.12	0.08	6.36	09/10/2019	11:56
11	K4790-08DUP		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.06	4.78	09/10/2019	11:57

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