

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB105074

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	PB123004BL		1	5.01	50	2.00	0.00	1.78	1.78	0.22	0.00	0.00	09/11/2019	12:13
2	K4804-01		1	5.04	50	2.00	1.78	3.54	1.76	0.24	0.02	1.59	09/11/2019	12:13
3	K4806-02		1	5.01	50	2.00	3.54	5.24	1.70	0.30	0.08	6.39	09/11/2019	12:14
4	K4814-04		1	5.06	50	2.00	5.24	6.98	1.74	0.26	0.04	3.16	09/11/2019	12:16
5	K4814-05		1	5.03	50	2.00	6.98	8.72	1.74	0.26	0.04	3.18	09/11/2019	12:17
6	K4814-06		1	5.00	50	2.00	0.00	1.72	1.72	0.28	0.06	4.80	09/11/2019	12:19
7	K4819-04		1	5.02	50	2.00	1.82	3.50	1.68	0.32	0.10	7.97	09/11/2019	12:19
8	K4819-08		1	5.08	50	2.00	3.50	5.18	1.68	0.32	0.10	7.87	09/11/2019	12:20
9	K4819-12		1	5.05	50	2.00	5.18	6.92	1.74	0.26	0.04	3.17	09/11/2019	12:20
10	K4819-12DUP		1	5.04	50	2.00	6.92	8.66	1.74	0.26	0.04	3.17	09/11/2019	12:21

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