

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB97820

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

Reagent/Standard	Lot/Log #
SODIUM THIOSULFATE, 0.025N, 4LITRE	W2337
IODINE SOLUTION .025N 1L	W2349
Starch Solution, 4L	W2277

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	PB112723BL		1	5.03	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	09/10/2018	13:45
2	J4769-02		1	5.01	50	2.00	1.96	3.72	1.76	0.24	0.20	15.97	09/10/2018	13:48
3	J4769-02DUP		1	5.03	50	2.00	3.72	5.46	1.74	0.26	0.22	17.50	09/10/2018	13:52
4	J4769-04		1	5.01	50	2.00	0.00	1.92	1.92	0.08	0.04	3.19	09/10/2018	13:55
5	J4769-06		1	5.03	50	2.00	1.92	3.78	1.86	0.14	0.10	7.95	09/10/2018	13:58
6	J4776-02		1	5.06	50	2.00	3.78	5.50	1.72	0.28	0.24	18.97	09/10/2018	14:02
7	J4776-04		1	5.00	50	2.00	5.50	7.22	1.72	0.28	0.24	19.20	09/10/2018	14:05
8	J4777-02		1	5.04	50	2.00	7.22	8.98	1.76	0.24	0.20	15.87	09/10/2018	14:08
9	J4777-04		1	5.01	50	2.00	0.00	1.80	1.80	0.20	0.16	12.77	09/10/2018	14:12
10	J4777-06		1	5.05	50	2.00	1.80	3.40	1.60	0.40	0.36	28.51	09/10/2018	14:15
11	J4777-08		1	5.04	50	2.00	3.40	4.90	1.50	0.50	0.46	36.51	09/10/2018	14:18
12	J4777-10		1	5.00	50	2.00	4.90	6.58	1.68	0.32	0.28	22.40	09/10/2018	14:22

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

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13	J4821-07		1	5.03	50	2.00	6.58	8.10	1.52	0.48	0.44	34.99	09/10/2018	14:25
14	J4829-04		1	5.06	50	2.00	0.00	1.54	1.54	0.46	0.42	33.20	09/10/2018	14:28
15	J4829-08		1	5.04	50	2.00	1.54	3.02	1.48	0.52	0.48	38.10	09/10/2018	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