

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB97794

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	PB112691BL		1	5.03	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	09/07/2018	13:45
2	J4774-02		1	5.04	50	2.00	1.94	3.80	1.86	0.14	0.08	6.35	09/07/2018	13:48
3	J4774-02DUP		1	5.05	50	2.00	3.80	5.64	1.84	0.16	0.10	7.92	09/07/2018	13:52
4	J4775-02		1	5.02	50	2.00	5.64	7.54	1.90	0.10	0.04	3.19	09/07/2018	13:55
5	J4775-04		1	5.00	50	2.00	7.54	9.10	1.56	0.44	0.38	30.40	09/07/2018	13:58
6	J4779-02		1	5.05	50	2.00	0.00	1.70	1.70	0.30	0.24	19.01	09/07/2018	14:02
7	J4779-04		1	5.06	50	2.00	1.70	3.40	1.70	0.30	0.24	18.97	09/07/2018	14:05
8	J4809-04		1	5.00	50	2.00	3.40	4.86	1.46	0.54	0.48	38.40	09/07/2018	14:08
9	J4809-08		1	5.00	50	2.00	4.86	6.60	1.74	0.26	0.20	16.00	09/07/2018	14:12
10	J4825-19		1	5.05	50	2.00	6.60	8.08	1.48	0.52	0.46	36.44	09/07/2018	14:15
11	J4825-20		1	5.00	50	2.00	8.08	9.58	1.50	0.50	0.44	35.20	09/07/2018	14:18

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