

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB96605

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	PB111050BL		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.00	0.00	07/12/2018	13:32
2	J3825-02		1	5.03	50	2.00	1.80	3.50	1.70	0.30	0.10	7.95	07/12/2018	13:35
3	J3825-02DUP		1	5.02	50	2.00	3.50	5.18	1.68	0.32	0.12	9.56	07/12/2018	13:38
4	J3825-04		1	5.03	50	2.00	0.00	1.52	1.52	0.48	0.28	22.27	07/12/2018	13:40
5	J3825-06		1	5.04	50	2.00	1.52	2.96	1.44	0.56	0.36	28.57	07/12/2018	13:42
6	J3825-08		1	5.01	50	2.00	2.96	4.62	1.66	0.34	0.14	11.18	07/12/2018	13:45
7	J3825-10		1	5.05	50	2.00	4.62	6.22	1.60	0.40	0.20	15.84	07/12/2018	13:48
8	J3947-02		1	5.02	50	2.00	6.22	7.64	1.42	0.58	0.38	30.28	07/12/2018	13:52
9	J3947-04		1	5.00	50	2.00	7.64	9.12	1.48	0.52	0.32	25.60	07/12/2018	13:55
10	J3947-06		1	5.01	50	2.00	0.00	1.34	1.34	0.66	0.46	36.73	07/12/2018	13:58
11	J3947-08		1	5.03	50	2.00	1.34	2.64	1.30	0.70	0.50	39.76	07/12/2018	14:02

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