

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB97006

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	PB111633BL		1	5.03	50	2.00	0.00	1.78	1.78	0.22	0.00	0.00	07/31/2018	11:32
2	J3823-02		1	5.01	50	2.00	1.78	3.50	1.72	0.28	0.06	4.79	07/31/2018	11:35
3	J3823-02DUP		1	5.03	50	2.00	3.50	5.20	1.70	0.30	0.08	6.36	07/31/2018	11:38
4	J3823-04		1	5.02	50	2.00	5.20	6.96	1.76	0.24	0.02	1.59	07/31/2018	11:40
5	J3825-12		1	5.03	50	2.00	6.96	8.38	1.42	0.58	0.36	28.63	07/31/2018	11:42
6	J3825-14		1	5.02	50	2.00	0.00	1.58	1.58	0.42	0.20	15.94	07/31/2018	15:45
7	J3825-16		1	5.01	50	2.00	1.58	3.16	1.58	0.42	0.20	15.97	07/31/2018	15:48
8	J3825-18		1	5.00	50	2.00	3.16	4.54	1.38	0.62	0.40	32.00	07/31/2018	15:50
9	J3825-20		1	5.03	50	2.00	4.54	5.96	1.42	0.58	0.36	28.63	07/31/2018	15:52
10	J4234-03		1	5.04	50	2.00	5.96	7.36	1.40	0.60	0.38	30.16	07/31/2018	15:55

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