

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB97417

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	PB112205BL		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	08/20/2018	15:47
2	J4274-04		1	5.01	50	2.00	1.86	3.70	1.84	0.16	0.02	1.60	08/20/2018	15:50
3	J4274-04DUP		1	5.03	50	2.00	3.70	5.52	1.82	0.18	0.04	3.18	08/20/2018	15:52
4	J4277-06		1	5.02	50	2.00	0.00	1.64	1.64	0.36	0.22	17.53	08/20/2018	15:55
5	J4277-08		1	5.03	50	2.00	1.64	3.18	1.54	0.46	0.32	25.45	08/20/2018	15:58
6	J4282-10		1	5.02	50	2.00	3.18	4.62	1.44	0.56	0.42	33.47	08/20/2018	16:02
7	J4539-01		1	5.00	50	2.00	4.62	6.18	1.56	0.44	0.30	24.00	08/20/2018	16:05
8	J4539-05		1	5.04	50	2.00	6.18	7.66	1.48	0.52	0.38	30.16	08/20/2018	16:08

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