

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB97139

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	PB111800BL		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	08/06/2018	13:02
2	J4277-02		1	5.02	50	2.00	1.86	3.66	1.80	0.20	0.06	4.78	08/06/2018	13:05
3	J4277-02DUP		1	5.03	50	2.00	3.66	5.44	1.78	0.22	0.08	6.36	08/06/2018	13:08
4	J4277-04		1	5.02	50	2.00	5.44	7.08	1.64	0.36	0.22	17.53	08/06/2018	13:10
5	J4283-02		1	5.03	50	2.00	7.08	8.50	1.42	0.58	0.44	34.99	08/06/2018	13:12
6	J4335-03		1	5.02	50	2.00	0.00	1.46	1.46	0.54	0.40	31.87	08/06/2018	13:15
7	J4345-03		1	5.01	50	2.00	1.46	3.10	1.64	0.36	0.22	17.56	08/06/2018	13:18
8	J4347-05		1	5.04	50	2.00	3.10	4.68	1.58	0.42	0.28	22.22	08/06/2018	13:20
9	J4348-05		1	5.03	50	2.00	4.68	6.04	1.36	0.64	0.50	39.76	08/06/2018	13:22

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