

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB98787

ANALYST: sweta
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP68780
IODINE SOLUTION .025N 1L	W2410
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	PB114096BL		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	10/23/2018	12:00
2	J5610-01		1	5.01	50	2.00	1.82	3.62	1.80	0.20	0.02	1.60	10/23/2018	12:03
3	J5610-01DUP		1	5.03	50	2.00	3.62	5.40	1.78	0.22	0.04	3.18	10/23/2018	12:05
4	J5610-05		1	5.04	50	2.00	0.00	1.70	1.70	0.30	0.12	9.52	10/23/2018	12:07
5	J5610-07		1	5.05	50	2.00	1.70	3.36	1.66	0.34	0.16	12.67	10/23/2018	12:09
6	J5622-02		1	5.04	50	2.00	3.36	5.00	1.64	0.36	0.18	14.29	10/23/2018	12:11
7	J5622-04		1	5.03	50	2.00	5.00	6.78	1.78	0.22	0.04	3.18	10/23/2018	12:13

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