

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB100006

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP69572
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	PB115943BL		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	12/21/2018	15:20
2	J6505-02		1	5.02	50	2.00	1.88	3.68	1.80	0.20	0.08	6.37	12/21/2018	15:23
3	J6505-02DUP		1	5.03	50	2.00	3.68	5.46	1.78	0.22	0.10	7.95	12/21/2018	15:25
4	J6505-04		1	5.05	50	2.00	0.00	1.70	1.70	0.30	0.18	14.26	12/21/2018	15:27
5	J6505-06		1	5.00	50	2.00	1.70	3.14	1.44	0.56	0.44	35.20	12/21/2018	15:29
6	J6505-08		1	5.00	50	2.00	3.14	4.80	1.66	0.34	0.22	17.60	12/21/2018	15:31
7	J6505-10		1	5.03	50	2.00	4.80	6.64	1.84	0.16	0.04	3.18	12/21/2018	15:33
8	J6505-12		1	5.02	50	2.00	6.64	8.24	1.60	0.40	0.28	22.31	12/21/2018	15:35
9	J6505-14		1	5.02	50	2.00	8.24	9.92	1.68	0.32	0.20	15.94	12/21/2018	15:37
10	J6505-16		1	5.04	50	2.00	0.00	1.80	1.80	0.20	0.08	6.35	12/21/2018	15:39
11	J6505-18		1	5.00	50	2.00	1.80	3.50	1.70	0.30	0.18	14.40	12/21/2018	15:41

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