

Analysis Method: 9034

Parameter: Reactive Sulfide

Run Number: LB99330

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	PB114988BL		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	11/20/2018	15:45
2	J6012-02		1	5.03	50	2.00	1.90	3.70	1.80	0.20	0.10	7.95	11/20/2018	15:47
3	J6012-02DUP		1	5.04	50	2.00	3.70	5.52	1.82	0.18	0.08	6.35	11/20/2018	15:49
4	J6012-04		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.04	3.17	11/20/2018	15:51
5	J6012-06		1	5.00	50	2.00	1.86	3.58	1.72	0.28	0.18	14.40	11/20/2018	15:53
6	J6012-08		1	5.03	50	2.00	3.58	5.44	1.86	0.14	0.04	3.18	11/20/2018	15:55
7	J6012-10		1	5.03	50	2.00	5.44	7.34	1.90	0.10	0.00	0.00	11/20/2018	15:57
8	J6012-12		1	5.06	50	2.00	7.34	9.00	1.66	0.34	0.24	18.97	11/20/2018	15:59
9	J6012-14		1	5.04	50	2.00	0.00	1.80	1.80	0.20	0.10	7.94	11/20/2018	16:01
10	J6012-16		1	5.02	50	2.00	1.80	3.60	1.80	0.20	0.10	7.97	11/20/2018	16:03
11	J6012-18		1	5.00	50	2.00	3.60	5.20	1.60	0.40	0.30	24.00	11/20/2018	16:05
12	J6012-20		1	5.05	50	2.00	5.20	7.04	1.84	0.16	0.06	4.75	11/20/2018	16:07

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