

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB99735

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	PB115571BL		1	5.03	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	12/11/2018	15:45
2	J6298-01		1	5.02	50	2.00	1.90	3.66	1.76	0.24	0.14	11.16	12/11/2018	15:47
3	J6298-01DUP		1	5.04	50	2.00	3.66	5.40	1.74	0.26	0.16	12.70	12/11/2018	15:49
4	J6298-02		1	5.05	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	12/11/2018	15:51
5	J6298-03		1	5.00	50	2.00	1.88	3.66	1.78	0.22	0.12	9.60	12/11/2018	15:53
6	J6298-04		1	5.03	50	2.00	3.66	5.52	1.86	0.14	0.04	3.18	12/11/2018	15:55
7	J6298-05		1	5.03	50	2.00	5.52	7.40	1.88	0.12	0.02	1.59	12/11/2018	15:57
8	J6322-16		1	5.04	50	2.00	7.40	9.28	1.88	0.12	0.02	1.59	12/11/2018	15:59
9	J6322-18		1	5.01	50	2.00	0.00	1.64	1.64	0.36	0.26	20.76	12/11/2018	16:01
10	J6322-20		1	5.01	50	2.00	1.64	3.50	1.86	0.14	0.04	3.19	12/11/2018	16:03
11	J6322-22		1	5.00	50	2.00	3.50	5.20	1.70	0.30	0.20	16.00	12/11/2018	16:05
12	J6322-24		1	5.00	50	2.00	5.20	6.94	1.74	0.26	0.16	12.80	12/11/2018	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