

Analysis Method: 9034

ANALYST: AMANDEEP

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB100242

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	PB116308BL		1	5.01	50	2.00	0.00	1.98	1.98	0.02	0.00	0.00	01/09/2019	12:35
2	K1006-02		1	5.03	50	2.00	1.98	3.84	1.86	0.14	0.12	9.54	01/09/2019	12:36
3	K1006-04		1	5.04	50	2.00	3.84	5.72	1.88	0.12	0.10	7.94	01/09/2019	12:37
4	K1006-06		1	5.00	50	2.00	5.72	7.62	1.90	0.10	0.08	6.40	01/09/2019	12:38
5	K1006-08		1	5.00	50	2.00	7.62	9.48	1.86	0.14	0.12	9.60	01/09/2019	12:40
6	K1006-10		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.12	9.56	01/09/2019	12:41
7	K1006-12		1	5.01	50	2.00	1.86	3.74	1.88	0.12	0.10	7.98	01/09/2019	12:42
8	K1006-14		1	5.08	50	2.00	3.74	5.60	1.86	0.14	0.12	9.45	01/09/2019	12:56
9	K1006-16		1	5.01	50	2.00	5.60	7.48	1.88	0.12	0.10	7.98	01/09/2019	12:57
10	K1006-18		1	5.03	50	2.00	7.48	9.44	1.96	0.04	0.02	1.59	01/09/2019	12:59
11	K1006-20		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.10	7.94	01/09/2019	12:59
12	K1008-02		1	5.07	50	2.00	1.88	3.74	1.86	0.14	0.12	9.47	01/09/2019	13:00

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

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Sodium thiosulfate titrant 0.025N	WP69572
IODINE SOLUTION .025N 1L	W2410
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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
13	K1081-05		1	5.00	50	2.00	3.74	5.64	1.90	0.10	0.08	6.40	01/09/2019	13:01
14	K1082-02		1	5.00	50	2.00	6.50	8.38	1.88	0.12	0.10	8.00	01/09/2019	13:03
15	K1082-04		1	5.09	50	2.00	0.00	1.90	1.90	0.10	0.08	6.29	01/09/2019	13:04
16	K1082-06		1	5.04	50	2.00	1.90	3.76	1.86	0.14	0.12	9.52	01/09/2019	13:04
17	K1082-08		1	5.02	50	2.00	3.76	5.62	1.86	0.14	0.12	9.56	01/09/2019	13:05
18	K1082-10		1	5.05	50	2.00	5.58	7.46	1.88	0.12	0.10	7.92	01/09/2019	13:06
19	K1082-12		1	5.06	50	2.00	7.46	9.32	1.86	0.14	0.12	9.49	01/09/2019	13:07
20	K1083-03		1	5.07	50	2.00	0.00	1.92	1.92	0.08	0.06	4.73	01/09/2019	13:09
21	K1083-03DUP		1	5.06	50	2.00	1.92	3.84	1.92	0.08	0.06	4.74	01/09/2019	13:10

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