

Analysis Method: 9034

ANALYST: AMANDEEP

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB100392

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	W2379

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	PB116495BL		1	5.00	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	01/18/2019	11:49
2	K1011-06		1	5.03	50	2.00	1.66	3.50	1.84	0.16	0.12	9.54	01/18/2019	11:49
3	K1011-08		1	5.01	50	2.00	3.50	5.40	1.90	0.10	0.06	4.79	01/18/2019	11:50
4	K1015-10		1	5.03	50	2.00	5.62	7.44	1.82	0.18	0.14	11.13	01/18/2019	11:50
5	K1015-12		1	5.04	50	2.00	7.44	9.32	1.88	0.12	0.08	6.35	01/18/2019	11:51
6	K1167-02		1	5.01	50	2.00	0.10	1.76	1.66	0.34	0.30	23.95	01/18/2019	11:52
7	K1167-04		1	5.05	50	2.00	1.76	3.52	1.76	0.24	0.20	15.84	01/18/2019	11:52
8	K1167-06		1	5.06	50	2.00	3.52	5.48	1.96	0.04	0.00	0.00	01/18/2019	11:53
9	K1167-08		1	5.07	50	2.00	5.48	7.12	1.64	0.36	0.32	25.25	01/18/2019	11:53
10	K1167-10		1	5.08	50	2.00	7.12	9.00	1.88	0.12	0.08	6.30	01/18/2019	11:54
11	K1167-12		1	5.00	50	2.00	0.00	1.64	1.64	0.36	0.32	25.60	01/18/2019	11:55
12	K1173-02		1	5.02	50	2.00	1.64	3.16	1.52	0.48	0.44	35.06	01/18/2019	11:55

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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13	K1173-04		1	5.06	50	2.00	4.18	5.64	1.46	0.54	0.50	39.53	01/18/2019	11:56
14	K1173-06		1	5.04	50	2.00	5.64	7.38	1.74	0.26	0.22	17.46	01/18/2019	11:56
15	K1173-08		1	5.03	50	2.00	7.38	9.10	1.72	0.28	0.24	19.09	01/18/2019	11:57
16	K1180-02		1	5.02	50	2.00	0.00	1.52	1.52	0.48	0.44	35.06	01/18/2019	11:57
17	K1189-02		1	5.01	50	2.00	1.52	3.30	1.78	0.22	0.18	14.37	01/18/2019	11:58
18	K1189-04		1	5.09	50	2.00	3.30	4.76	1.46	0.54	0.50	39.29	01/18/2019	11:59
19	K1189-04DUP		1	5.08	50	2.00	4.76	6.24	1.48	0.52	0.48	37.80	01/18/2019	11:59

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