

Analysis Method: 9034

ANALYST: sweta

Parameter: Reactive Sulfide

SUPERVISOR REVIEW BY: apatel

Run Number: LB100137

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	PB116140BL		1	5.03	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	01/03/2019	13:30
2	K1002-02		1	5.03	50	2.00	1.96	3.88	1.92	0.08	0.04	3.18	01/03/2019	13:33
3	K1002-02DUP		1	5.04	50	2.00	3.88	5.78	1.90	0.10	0.06	4.76	01/03/2019	11:35
4	K1002-04		1	5.03	50	2.00	0.00	1.74	1.74	0.26	0.22	17.50	01/03/2019	13:37
5	K1002-06		1	5.00	50	2.00	1.74	3.44	1.70	0.30	0.26	20.80	01/03/2019	13:39
6	K1002-08		1	5.02	50	2.00	3.44	5.26	1.82	0.18	0.14	11.16	01/03/2019	13:41
7	K1016-02		1	5.01	50	2.00	0.00	1.68	1.68	0.32	0.28	22.36	01/03/2019	13:43
8	K1017-04		1	5.03	50	2.00	1.68	3.44	1.76	0.24	0.20	15.90	01/03/2019	13:45
9	K1017-08		1	5.04	50	2.00	3.44	5.32	1.88	0.12	0.08	6.35	01/03/2019	13:47
10	K1017-12		1	5.02	50	2.00	5.32	7.14	1.82	0.18	0.14	11.16	01/03/2019	13:49
11	K1017-16		1	5.03	50	2.00	7.14	8.94	1.80	0.20	0.16	12.72	01/03/2019	13:51
12	K1017-20		1	5.04	50	2.00	0.00	1.72	1.72	0.28	0.24	19.05	01/03/2019	13:53

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	K1017-24		1	5.00	50	2.00	1.72	3.60	1.88	0.12	0.08	6.40	01/03/2019	13:55
14	K1019-02		1	5.00	50	2.00	3.60	5.12	1.52	0.48	0.44	35.20	01/03/2019	13:57
15	K1019-04		1	5.01	50	2.00	5.12	6.80	1.68	0.32	0.28	22.36	01/03/2019	13:59
16	K1019-06		1	5.05	50	2.00	6.80	8.64	1.84	0.16	0.12	9.50	01/03/2019	14:01
17	K1019-08		1	5.02	50	2.00	0.00	1.70	1.70	0.30	0.26	20.72	01/03/2019	14:03

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