

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB100245

ANALYST: AMANDEEP
 SUPERVISOR REVIEW BY: apatel
 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	PB116309BL		1	5.01	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	01/10/2019	12:21
2	K1005-02		1	5.02	50	2.00	1.96	3.84	1.88	0.12	0.08	6.37	01/10/2019	12:22
3	K1005-04		1	5.03	50	2.00	3.88	5.78	1.90	0.10	0.06	4.77	01/10/2019	12:23
4	K1005-06		1	5.01	50	2.00	5.78	7.66	1.88	0.12	0.08	6.39	01/10/2019	12:24
5	K1015-02		1	5.08	50	2.00	7.66	9.54	1.88	0.12	0.08	6.30	01/10/2019	12:25
6	K1015-04		1	5.06	50	2.00	0.00	1.94	1.94	0.06	0.02	1.58	01/10/2019	12:26
7	K1087-04		1	5.00	50	2.00	1.94	3.76	1.82	0.18	0.14	11.20	01/10/2019	12:27
8	K1087-08		1	5.03	50	2.00	3.78	5.62	1.84	0.16	0.12	9.54	01/10/2019	12:28
9	K1087-12		1	5.07	50	2.00	5.62	7.54	1.92	0.08	0.04	3.16	01/10/2019	12:29
10	K1087-17		1	5.05	50	2.00	7.54	9.44	1.90	0.10	0.06	4.75	01/10/2019	12:30
11	K1094-02		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.10	7.97	01/10/2019	12:31
12	K1094-04		1	5.04	50	2.00	1.86	3.70	1.84	0.16	0.12	9.52	01/10/2019	12:32

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	K1099-04		1	5.09	50	2.00	3.92	5.84	1.92	0.08	0.04	3.14	01/10/2019	12:33
14	K1099-08		1	5.05	50	2.00	6.00	7.86	1.86	0.14	0.10	7.92	01/10/2019	12:34
15	K1099-12		1	5.00	50	2.00	7.86	9.70	1.84	0.16	0.12	9.60	01/10/2019	12:34
16	K1099-16		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.06	4.79	01/10/2019	12:35
17	K1099-20		1	5.02	50	2.00	1.90	3.72	1.82	0.18	0.14	11.16	01/10/2019	12:36
18	K1099-24		1	5.03	50	2.00	3.76	5.62	1.86	0.14	0.10	7.95	01/10/2019	12:37
19	K1099-24DUP		1	5.04	50	2.00	5.64	7.50	1.86	0.14	0.10	7.94	01/10/2019	12:38

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