

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB100355

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	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	PB116465BL		1	5.00	50	2.00	0.00	1.98	1.98	0.02	0.00	0.00	01/17/2019	11:46
2	K1153-02		1	5.03	50	2.00	1.98	3.90	1.92	0.08	0.06	4.77	01/17/2019	11:47
3	K1156-14		1	5.03	50	2.00	3.90	5.68	1.78	0.22	0.20	15.90	01/17/2019	11:47
4	K1156-16		1	5.04	50	2.00	5.68	7.60	1.92	0.08	0.06	4.76	01/17/2019	11:48
5	K1156-18		1	5.01	50	2.00	7.60	9.50	1.90	0.10	0.08	6.39	01/17/2019	11:48
6	K1157-15		1	5.00	50	2.00	0.16	1.90	1.74	0.26	0.24	19.20	01/17/2019	11:49
7	K1157-17		1	5.02	50	2.00	1.90	3.88	1.98	0.02	0.00	0.00	01/17/2019	11:50
8	K1157-19		1	5.03	50	2.00	4.00	5.86	1.86	0.14	0.12	9.54	01/17/2019	11:51
9	K1157-21		1	5.09	50	2.00	3.98	5.76	1.78	0.22	0.20	15.72	01/17/2019	11:52
10	K1157-23		1	5.01	50	2.00	5.76	7.58	1.82	0.18	0.16	12.77	01/17/2019	11:53
11	K1157-25		1	5.05	50	2.00	7.58	9.40	1.82	0.18	0.16	12.67	01/17/2019	11:54
12	K1157-27		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.08	6.32	01/17/2019	11:54

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	K1159-01		1	5.07	50	2.00	2.20	3.88	1.68	0.32	0.30	23.67	01/17/2019	11:55
14	K1160-01		1	5.05	50	2.00	3.88	5.82	1.94	0.06	0.04	3.17	01/17/2019	11:56
15	K1160-01DUP		1	5.04	50	2.00	5.82	7.76	1.94	0.06	0.04	3.17	01/17/2019	11:57

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