

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB102557

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: apatel
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP73671
IODINE SOLUTION .025N 1L	W2479
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	PB119457BL		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	05/03/2019	13:45
2	K2635-02		1	5.02	50	2.00	1.82	3.58	1.76	0.24	0.06	4.78	05/03/2019	13:48
3	K2635-02DUP		1	5.04	50	2.00	3.58	5.36	1.78	0.22	0.04	3.17	05/03/2019	13:52
4	K2635-04		1	5.05	50	2.00	5.36	7.16	1.80	0.20	0.02	1.58	05/03/2019	13:55
5	K2635-06		1	5.00	50	2.00	7.16	8.90	1.74	0.26	0.08	6.40	05/03/2019	13:58
6	K2635-08		1	5.02	50	2.00	0.00	1.74	1.74	0.26	0.08	6.37	05/03/2019	14:05
7	K2642-02		1	5.03	50	2.00	1.74	3.52	1.78	0.22	0.04	3.18	05/03/2019	14:08
8	K2647-02		1	5.04	50	2.00	3.52	5.28	1.76	0.24	0.06	4.76	05/03/2019	14:12
9	K2647-04		1	5.02	50	2.00	5.28	6.96	1.68	0.32	0.14	11.16	05/03/2019	14:15
10	K2668-02		1	5.03	50	2.00	6.96	8.66	1.70	0.30	0.12	9.54	05/03/2019	14:18
11	K2668-04		1	5.02	50	2.00	0.00	1.76	1.76	0.24	0.06	4.78	05/03/2019	14:22
12	K2668-06		1	5.00	50	2.00	1.76	3.42	1.66	0.34	0.16	12.80	05/03/2019	14:25

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	K2674-01		1	5.03	50	2.00	3.42	5.12	1.70	0.30	0.12	9.54	05/03/2019	14:28
14	K2674-02		1	5.02	50	2.00	5.12	6.84	1.72	0.28	0.10	7.97	05/03/2019	14:32
15	K2684-01		1	5.03	50	2.00	6.84	8.52	1.68	0.32	0.14	11.13	05/03/2019	14:35
16	K2684-02		1	5.03	50	2.00	0.00	1.72	1.72	0.28	0.10	7.95	05/03/2019	14:38

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