

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB102620

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	PB119550BL		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	05/08/2019	14:10
2	K2641-02		1	5.02	50	2.00	1.90	3.78	1.88	0.12	0.02	1.59	05/08/2019	14:12
3	K2641-02DUP		1	5.04	50	2.00	3.78	5.64	1.86	0.14	0.04	3.17	05/08/2019	14:15
4	K2641-04		1	5.05	50	2.00	0.00	1.60	1.60	0.40	0.30	23.76	05/08/2019	14:18
5	K2641-06		1	5.00	50	2.00	1.60	3.48	1.88	0.12	0.02	1.60	05/08/2019	14:22
6	K2641-08		1	5.02	50	2.00	3.48	5.30	1.82	0.18	0.08	6.37	05/08/2019	14:25
7	K2641-10		1	5.03	50	2.00	5.30	7.20	1.90	0.10	0.00	0.00	05/08/2019	14:28
8	K2643-02		1	5.04	50	2.00	7.20	8.90	1.70	0.30	0.20	15.87	05/08/2019	14:32
9	K2643-04		1	5.02	50	2.00	0.00	1.64	1.64	0.36	0.26	20.72	05/08/2019	14:35
10	K2645-02		1	5.03	50	2.00	1.64	3.14	1.50	0.50	0.40	31.81	05/08/2019	14:38
11	K2645-04		1	5.00	50	2.00	3.14	4.78	1.64	0.36	0.26	20.80	05/08/2019	14:42
12	K2645-06		1	5.03	50	2.00	4.78	6.60	1.82	0.18	0.08	6.36	05/08/2019	14:45

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	K2645-08		1	5.02	50	2.00	6.60	8.40	1.80	0.20	0.10	7.97	05/08/2019	14:48
14	K2645-10		1	5.06	50	2.00	0.00	1.56	1.56	0.44	0.34	26.88	05/08/2019	14:52
15	K2727-01		1	5.03	50	2.00	1.56	3.22	1.66	0.34	0.24	19.09	05/08/2019	14:55
16	K2727-02		1	5.00	50	2.00	3.22	4.76	1.54	0.46	0.36	28.80	05/08/2019	14:58
17	K2728-05		1	5.02	50	2.00	4.76	6.32	1.56	0.44	0.34	27.09	05/08/2019	15:02

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