

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB100951

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP71781
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	PB117279BL		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	02/21/2019	14:15
2	K1344-02		1	5.02	50	2.00	1.84	3.64	1.80	0.20	0.04	3.19	02/21/2019	14:18
3	K1344-02DUP		1	5.04	50	2.00	3.64	5.46	1.82	0.18	0.02	1.59	02/21/2019	14:22
4	K1344-04		1	5.05	50	2.00	0.00	1.66	1.66	0.34	0.18	14.26	02/21/2019	14:25
5	K1344-06		1	5.00	50	2.00	1.66	3.36	1.70	0.30	0.14	11.20	02/21/2019	14:28
6	K1344-08		1	5.02	50	2.00	3.36	4.90	1.54	0.46	0.30	23.90	02/21/2019	14:32
7	K1345-04		1	5.03	50	2.00	4.90	6.72	1.82	0.18	0.02	1.59	02/21/2019	14:35
8	K1536-01		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.02	1.59	02/21/2019	14:38
9	K1537-04		1	5.02	50	2.00	1.82	3.32	1.50	0.50	0.34	27.09	02/21/2019	14:42
10	K1538-04		1	5.03	50	2.00	3.32	4.86	1.54	0.46	0.30	23.86	02/21/2019	14:45
11	K1538-08		1	5.00	50	2.00	4.86	6.40	1.54	0.46	0.30	24.00	02/21/2019	14:48
12	K1546-03		1	5.03	50	2.00	6.40	8.20	1.80	0.20	0.04	3.18	02/21/2019	14:52

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	K1546-06		1	5.05	50	2.00	0.00	1.56	1.56	0.44	0.28	22.18	02/21/2019	14:55
14	K1546-09		1	5.02	50	2.00	1.56	3.10	1.54	0.46	0.30	23.90	02/21/2019	14:58
15	K1546-12		1	5.03	50	2.00	3.10	4.64	1.54	0.46	0.30	23.86	02/21/2019	15:02
16	K1546-15		1	5.02	50	2.00	4.64	6.12	1.48	0.52	0.36	28.69	02/21/2019	15:05
17	K1547-04		1	5.01	50	2.00	6.12	7.76	1.64	0.36	0.20	15.97	02/21/2019	15:08

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