

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103704

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP74519
IODINE SOLUTION .025N 1L	W2480
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	PB120996BL		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	06/28/2019	13:10
2	K3158-08		1	5.03	50	2.00	1.82	3.54	1.72	0.28	0.10	7.95	06/28/2019	13:12
3	K3158-08DUP		1	5.04	50	2.00	3.54	5.28	1.74	0.26	0.08	6.35	06/28/2019	13:15
4	K3163-14		1	5.05	50	2.00	5.28	6.96	1.68	0.32	0.14	11.09	06/28/2019	13:18
5	K3163-16		1	5.00	50	2.00	6.96	8.66	1.70	0.30	0.12	9.60	06/28/2019	13:22
6	K3554-04		1	5.02	50	2.00	0.00	1.76	1.76	0.24	0.06	4.78	06/28/2019	13:25
7	K3554-08		1	5.03	50	2.00	1.76	3.42	1.66	0.34	0.16	12.72	06/28/2019	13:28
8	K3554-12		1	5.04	50	2.00	3.42	5.10	1.68	0.32	0.14	11.11	06/28/2019	13:32
9	K3555-04		1	5.02	50	2.00	5.10	6.74	1.64	0.36	0.18	14.34	06/28/2019	13:35
10	K3555-08		1	5.03	50	2.00	6.74	8.36	1.62	0.38	0.20	15.90	06/28/2019	13:38
11	K3555-12		1	5.00	50	2.00	0.00	1.62	1.62	0.38	0.20	16.00	06/28/2019	13:42
12	K3555-16		1	5.03	50	2.00	1.62	3.22	1.60	0.40	0.22	17.50	06/28/2019	13:45

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	K3555-20		1	5.04	50	2.00	3.22	4.80	1.58	0.42	0.24	19.05	06/28/2019	13:48
14	K3555-24		1	5.03	50	2.00	4.80	6.44	1.64	0.36	0.18	14.31	06/28/2019	13:52
15	K3580-11		1	5.02	50	2.00	6.44	8.08	1.64	0.36	0.18	14.34	06/28/2019	13:55
16	K3580-12		1	5.04	50	2.00	0.00	1.68	1.68	0.32	0.14	11.11	06/28/2019	13:58
17	K3580-13		1	5.03	50	2.00	1.68	3.28	1.60	0.40	0.22	17.50	06/28/2019	14:02
18	K3580-14		1	5.03	50	2.00	3.28	5.06	1.78	0.22	0.04	3.18	06/28/2019	14:05
19	K3580-15		1	5.02	50	2.00	5.06	6.66	1.60	0.40	0.22	17.53	06/28/2019	14:08

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