

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104265

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	PB121759BL		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	07/26/2019	14:05
2	K3620-12		1	5.02	50	2.00	1.90	3.76	1.86	0.14	0.04	3.19	07/26/2019	14:08
3	K3620-12DUP		1	5.04	50	2.00	3.76	5.64	1.88	0.12	0.02	1.59	07/26/2019	14:12
4	K3620-14		1	5.05	50	2.00	5.64	7.52	1.88	0.12	0.02	1.58	07/26/2019	14:15
5	K3620-16		1	5.00	50	2.00	0.00	1.82	1.82	0.18	0.08	6.40	07/26/2019	14:18
6	K3620-18		1	5.02	50	2.00	1.82	3.62	1.80	0.20	0.10	7.97	07/26/2019	14:22
7	K3620-20		1	5.03	50	2.00	3.62	5.46	1.84	0.16	0.06	4.77	07/26/2019	14:25
8	K3626-10		1	5.04	50	2.00	5.46	7.24	1.78	0.22	0.12	9.52	07/26/2019	14:28
9	K3626-12		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.08	6.37	07/26/2019	14:32
10	K3626-14		1	5.03	50	2.00	1.82	3.62	1.80	0.20	0.10	7.95	07/26/2019	14:35
11	K3626-16		1	5.00	50	2.00	3.62	5.38	1.76	0.24	0.14	11.20	07/26/2019	14:38
12	K4012-01		1	5.03	50	2.00	5.38	7.22	1.84	0.16	0.06	4.77	07/26/2019	14:42

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	K4012-04		1	5.04	50	2.00	7.22	9.02	1.80	0.20	0.10	7.94	07/26/2019	14:45
14	K4021-04		1	5.03	50	2.00	0.00	1.78	1.78	0.22	0.12	9.54	07/26/2019	14:48
15	K4021-08		1	5.01	50	2.00	1.78	3.62	1.84	0.16	0.06	4.79	07/26/2019	14:52
16	K4021-12		1	5.03	50	2.00	3.62	5.44	1.82	0.18	0.08	6.36	07/26/2019	14:55
17	K4021-16		1	5.04	50	2.00	5.44	7.28	1.84	0.16	0.06	4.76	07/26/2019	14:58
18	K4024-04		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.08	6.37	07/26/2019	15:02
19	K4024-08		1	5.03	50	2.00	1.82	3.66	1.84	0.16	0.06	4.77	07/26/2019	15:05

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