

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103460

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	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	PB120691BL		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	06/17/2019	14:10
2	K3154-02		1	5.02	50	2.00	1.88	3.72	1.84	0.16	0.04	3.19	06/17/2019	14:12
3	K3154-02DUP		1	5.04	50	2.00	3.72	5.58	1.86	0.14	0.02	1.59	06/17/2019	14:15
4	K3154-04		1	5.05	50	2.00	0.00	1.84	1.84	0.16	0.04	3.17	06/17/2019	14:18
5	K3154-06		1	5.00	50	2.00	1.84	3.66	1.82	0.18	0.06	4.80	06/17/2019	14:22
6	K3154-08		1	5.02	50	2.00	3.66	5.52	1.86	0.14	0.02	1.59	06/17/2019	14:25
7	K3154-10		1	5.03	50	2.00	5.52	7.32	1.80	0.20	0.08	6.36	06/17/2019	14:28
8	K3154-12		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.06	4.76	06/17/2019	14:32
9	K3154-14		1	5.02	50	2.00	1.82	3.66	1.84	0.16	0.04	3.19	06/17/2019	14:35
10	K3366-05		1	5.03	50	2.00	3.66	5.44	1.78	0.22	0.10	7.95	06/17/2019	14:38
11	K3389-08		1	5.02	50	2.00	5.44	7.28	1.84	0.16	0.04	3.19	06/17/2019	14:42
12	K3392-01		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.02	1.58	06/17/2019	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	K3392-04		1	5.02	50	2.00	1.86	3.68	1.82	0.18	0.06	4.78	06/17/2019	14:48
14	K3393-01		1	5.04	50	2.00	3.68	5.48	1.80	0.20	0.08	6.35	06/17/2019	14:52
15	K3407-01		1	5.02	50	2.00	0.00	1.82	1.82	0.18	0.06	4.78	06/17/2019	14:55
16	K3407-04		1	5.03	50	2.00	1.82	3.66	1.84	0.16	0.04	3.18	06/17/2019	14:58

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