

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104855

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP76826
IODINE SOLUTION .025N 1L	W2508
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	PB122634BL		1	5.02	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	08/28/2019	14:05
2	K4559-01		1	5.03	50	2.00	1.94	3.84	1.90	0.10	0.04	3.18	08/28/2019	14:08
3	K4559-01DUP		1	5.02	50	2.00	3.84	5.76	1.92	0.08	0.02	1.59	08/28/2019	14:10
4	K4567-06		1	5.05	50	2.00	5.76	7.64	1.88	0.12	0.06	4.75	08/28/2019	14:12
5	K4567-12		1	5.00	50	2.00	0.00	1.84	1.84	0.16	0.10	8.00	08/28/2019	14:15
6	K4567-16		1	5.03	50	2.00	1.84	3.70	1.86	0.14	0.08	6.36	08/28/2019	14:18
7	K4567-20		1	5.06	50	2.00	3.70	5.60	1.90	0.10	0.04	3.16	08/28/2019	14:20
8	K4568-21		1	5.04	50	2.00	5.60	7.52	1.92	0.08	0.02	1.59	08/28/2019	14:22
9	K4568-22		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.06	4.76	08/28/2019	14:25
10	K4568-23		1	5.03	50	2.00	1.88	3.74	1.86	0.14	0.08	6.36	08/28/2019	14:28
11	K4568-24		1	5.02	50	2.00	3.74	5.58	1.84	0.16	0.10	7.97	08/28/2019	14:30
12	K4568-25		1	5.03	50	2.00	5.58	7.42	1.84	0.16	0.10	7.95	08/28/2019	14:32

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	K4568-26		1	5.04	50	2.00	7.42	9.30	1.88	0.12	0.06	4.76	08/28/2019	14:35
14	K4568-27		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.08	6.34	08/28/2019	14:38
15	K4568-28		1	5.02	50	2.00	1.86	3.70	1.84	0.16	0.10	7.97	08/28/2019	14:40
16	K4568-29		1	5.03	50	2.00	3.70	5.60	1.90	0.10	0.04	3.18	08/28/2019	14:42
17	K4568-30		1	5.02	50	2.00	5.60	7.42	1.82	0.18	0.12	9.56	08/28/2019	14:45
18	K4569-03		1	5.01	50	2.00	0.00	1.84	1.84	0.16	0.10	7.98	08/28/2019	14:48

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