

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108693

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP82689
IODINE SOLUTION .025N 1L	W2669
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	PB128194BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	04/13/2020	09:45
2	L2122-10		1	5.03	50	2.00	1.90	3.70	1.80	0.20	0.10	7.95	04/13/2020	09:47
3	L2122-10DUP		1	5.01	50	2.00	3.70	5.52	1.82	0.18	0.08	6.39	04/13/2020	09:48
4	L2198-06		1	5.04	50	2.00	5.52	7.36	1.84	0.16	0.06	4.76	04/13/2020	09:50
5	L2198-13		1	5.06	50	2.00	0.00	1.80	1.80	0.20	0.10	7.91	04/13/2020	09:53
6	L2229-16		1	5.02	50	2.00	1.80	3.66	1.86	0.14	0.04	3.19	04/13/2020	09:55
7	L2229-40		1	5.02	50	2.00	3.66	5.50	1.84	0.16	0.06	4.78	04/13/2020	09:56
8	L2230-16		1	5.08	50	2.00	5.50	7.34	1.84	0.16	0.06	4.72	04/13/2020	09:57
9	L2230-20		1	5.06	50	2.00	0.00	1.88	1.88	0.12	0.02	1.58	04/13/2020	10:00
10	L2230-24		1	5.00	50	2.00	1.88	3.72	1.84	0.16	0.06	4.80	04/13/2020	10:02
11	L2230-32		1	5.02	50	2.00	3.72	5.52	1.80	0.20	0.10	7.97	04/13/2020	10:03
12	L2230-40		1	5.03	50	2.00	5.52	7.34	1.82	0.18	0.08	6.36	04/13/2020	10:05

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

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13	L2230-48		1	5.07	50	2.00	0.00	1.86	1.86	0.14	0.04	3.16	04/13/2020	10:07
14	L2230-54		1	5.09	50	2.00	1.86	3.72	1.86	0.14	0.04	3.14	04/13/2020	10:08
15	L2230-58		1	5.04	50	2.00	3.72	5.52	1.80	0.20	0.10	7.94	04/13/2020	10:10
16	L2230-62		1	5.03	50	2.00	5.52	7.40	1.88	0.12	0.02	1.59	04/13/2020	10:11
17	L2230-66		1	5.04	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	04/13/2020	10:14
18	L2230-70		1	5.09	50	2.00	1.90	3.76	1.86	0.14	0.04	3.14	04/13/2020	10:15

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