

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108296

ANALYST: ketankumar
 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	PB127588BL		1	5.03	50	2.00	0.00	1.94	1.94	0.06	0.00	0.00	03/16/2020	14:40
2	L1922-01		1	5.02	50	2.00	1.94	3.84	1.90	0.10	0.04	3.19	03/16/2020	14:42
3	L1922-01DUP		1	5.04	50	2.00	3.84	5.76	1.92	0.08	0.02	1.59	03/16/2020	14:45
4	L1933-03		1	5.05	50	2.00	5.76	7.64	1.88	0.12	0.06	4.75	03/16/2020	14:48
5	L1933-06		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.04	3.20	03/16/2020	14:50
6	L1937-04		1	5.02	50	2.00	1.90	3.82	1.92	0.08	0.02	1.59	03/16/2020	14:52
7	L1942-04		1	5.03	50	2.00	3.82	5.74	1.92	0.08	0.02	1.59	03/16/2020	14:55
8	L1942-08		1	5.04	50	2.00	5.74	7.56	1.82	0.18	0.12	9.52	03/16/2020	14:58
9	L1942-15		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.04	3.19	03/16/2020	15:01
10	L1942-19		1	5.03	50	2.00	1.90	3.78	1.88	0.12	0.06	4.77	03/16/2020	15:04
11	L1942-23		1	5.00	50	2.00	3.78	5.64	1.86	0.14	0.08	6.40	03/16/2020	15:08
12	L1942-27		1	5.01	50	2.00	5.64	7.48	1.84	0.16	0.10	7.98	03/16/2020	15:10

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	L1943-04		1	5.05	50	2.00	0.00	1.86	1.86	0.14	0.08	6.34	03/16/2020	15:12
14	L1943-08		1	5.06	50	2.00	1.86	3.68	1.82	0.18	0.12	9.49	03/16/2020	15:15
15	L1943-12		1	5.02	50	2.00	3.68	5.56	1.88	0.12	0.06	4.78	03/16/2020	15:18

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