

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB112580

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP87313
IODINE SOLUTION .025N 1L	W2763
Starch Solution, 4L	W2703

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	PB133869BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	12/30/2020	16:10
2	L5215-03		1	5.02	50	2.00	1.90	3.76	1.86	0.14	0.04	3.19	12/30/2020	16:12
3	L5215-03DUP		1	5.04	50	2.00	3.76	5.64	1.88	0.12	0.02	1.59	12/30/2020	16:15
4	L5231-01		1	5.05	50	2.00	5.64	7.48	1.84	0.16	0.06	4.75	12/30/2020	16:18
5	L5232-01		1	5.04	50	2.00	0.00	1.82	1.82	0.18	0.08	6.35	12/30/2020	16:20
6	L5233-01		1	5.03	50	2.00	1.82	3.62	1.80	0.20	0.10	7.95	12/30/2020	16:22
7	L5234-01		1	5.06	50	2.00	3.62	5.40	1.78	0.22	0.12	9.49	12/30/2020	16:25
8	L5234-03		1	5.04	50	2.00	5.40	7.20	1.80	0.20	0.10	7.94	12/30/2020	16:28
9	L5234-05		1	5.02	50	2.00	7.20	9.00	1.80	0.20	0.10	7.97	12/30/2020	16:30
10	L5241-01		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.08	6.36	12/30/2020	16:32
11	L5241-02		1	5.02	50	2.00	1.82	3.62	1.80	0.20	0.10	7.97	12/30/2020	16:35
12	L5241-03		1	5.03	50	2.00	3.62	5.42	1.80	0.20	0.10	7.95	12/30/2020	16:38

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	L5241-04		1	5.05	50	2.00	5.42	7.26	1.84	0.16	0.06	4.75	12/30/2020	16:40
14	L5241-05		1	5.04	50	2.00	7.26	9.10	1.84	0.16	0.06	4.76	12/30/2020	16:42
15	L5241-06		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.04	3.18	12/30/2020	16:45
16	L5241-07		1	5.04	50	2.00	1.86	3.66	1.80	0.20	0.10	7.94	12/30/2020	16:48

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