

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB111414

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	W2670
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	PB132221BL		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	10/09/2020	14:05
2	L4291-04		1	5.07	50	2.00	1.90	3.76	1.86	0.14	0.04	3.16	10/09/2020	14:08
3	L4291-04DUP		1	5.09	50	2.00	3.76	5.64	1.88	0.12	0.02	1.57	10/09/2020	14:12
4	L4291-06		1	5.08	50	2.00	5.64	7.44	1.80	0.20	0.10	7.87	10/09/2020	14:15
5	L4291-12		1	5.06	50	2.00	0.00	1.84	1.84	0.16	0.06	4.74	10/09/2020	14:18
6	L4292-04		1	5.04	50	2.00	1.84	3.66	1.82	0.18	0.08	6.35	10/09/2020	14:20
7	L4292-10		1	5.05	50	2.00	3.66	5.50	1.84	0.16	0.06	4.75	10/09/2020	14:22
8	L4311-04		1	5.04	50	2.00	5.50	7.30	1.80	0.20	0.10	7.94	10/09/2020	14:25
9	L4311-06		1	5.03	50	2.00	0.00	1.80	1.80	0.20	0.10	7.95	10/09/2020	14:28
10	L4316-02		1	5.05	50	2.00	1.80	3.66	1.86	0.14	0.04	3.17	10/09/2020	14:30
11	L4316-04		1	5.04	50	2.00	3.66	5.50	1.84	0.16	0.06	4.76	10/09/2020	14:32
12	L4317-02		1	5.03	50	2.00	5.50	7.32	1.82	0.18	0.08	6.36	10/09/2020	14:35

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	L4317-04		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.06	4.76	10/09/2020	14:38
14	L4318-02		1	5.06	50	2.00	1.84	3.70	1.86	0.14	0.04	3.16	10/09/2020	14:40
15	L4319-02		1	5.08	50	2.00	3.70	5.48	1.78	0.22	0.12	9.45	10/09/2020	14:42
16	L4319-04		1	5.04	50	2.00	5.48	7.30	1.82	0.18	0.08	6.35	10/09/2020	14:45
17	L4332-02		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.06	4.77	10/09/2020	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