

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB111619

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	PB132491BL		1	5.01	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	10/20/2020	16:45
2	L4222-05		1	5.05	50	2.00	1.88	3.72	1.84	0.16	0.04	3.17	10/20/2020	16:48
3	L4222-05DUP		1	5.04	50	2.00	3.72	5.58	1.86	0.14	0.02	1.59	10/20/2020	16:50
4	L4435-03		1	5.03	50	2.00	5.58	7.40	1.82	0.18	0.06	4.77	10/20/2020	16:52
5	L4436-12		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.04	3.19	10/20/2020	16:55
6	L4436-13		1	5.03	50	2.00	1.84	3.70	1.86	0.14	0.02	1.59	10/20/2020	16:58
7	L4436-14		1	5.06	50	2.00	3.70	5.50	1.80	0.20	0.08	6.32	10/20/2020	17:02
8	L4436-15		1	5.09	50	2.00	5.50	7.32	1.82	0.18	0.06	4.72	10/20/2020	17:05
9	L4436-16		1	5.08	50	2.00	0.00	1.78	1.78	0.22	0.10	7.87	10/20/2020	17:08
10	L4436-17		1	5.07	50	2.00	1.78	3.60	1.82	0.18	0.06	4.73	10/20/2020	17:12
11	L4436-18		1	5.05	50	2.00	3.60	5.40	1.80	0.20	0.08	6.34	10/20/2020	17:15
12	L4436-19		1	5.04	50	2.00	5.40	7.24	1.84	0.16	0.04	3.17	10/20/2020	17:18

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

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13	L4436-20		1	5.07	50	2.00	7.24	9.10	1.86	0.14	0.02	1.58	10/20/2020	17:20
14	L4436-21		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.06	4.74	10/20/2020	17:22
15	L4454-02		1	5.04	50	2.00	1.82	3.68	1.86	0.14	0.02	1.59	10/20/2020	17:25
16	L4457-01		1	5.03	50	2.00	3.68	5.50	1.82	0.18	0.06	4.77	10/20/2020	17:28
17	L4460-01		1	5.02	50	2.00	5.50	7.30	1.80	0.20	0.08	6.37	10/20/2020	17:30

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