

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB111942

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	PB132967BL		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	11/12/2020	13:50
2	L4622-04		1	5.02	50	2.00	1.88	3.72	1.84	0.16	0.04	3.19	11/12/2020	13:52
3	L4622-04DUP		1	5.04	50	2.00	3.72	5.58	1.86	0.14	0.02	1.59	11/12/2020	13:55
4	L4622-06		1	5.05	50	2.00	5.58	7.40	1.82	0.18	0.06	4.75	11/12/2020	13:58
5	L4631-04		1	5.02	50	2.00	0.00	1.80	1.80	0.20	0.08	6.37	11/12/2020	14:02
6	L4631-06		1	5.06	50	2.00	1.80	3.58	1.78	0.22	0.10	7.91	11/12/2020	14:05
7	L4683-01		1	5.03	50	2.00	3.58	5.40	1.82	0.18	0.06	4.77	11/12/2020	14:08
8	L4683-06		1	5.04	50	2.00	5.40	7.20	1.80	0.20	0.08	6.35	11/12/2020	14:12
9	L4697-04		1	5.03	50	2.00	0.00	1.76	1.76	0.24	0.12	9.54	11/12/2020	14:15
10	L4697-08		1	5.04	50	2.00	1.76	3.54	1.78	0.22	0.10	7.94	11/12/2020	14:18
11	L4699-02		1	5.08	50	2.00	3.54	5.30	1.76	0.24	0.12	9.45	11/12/2020	14:22
12	L4702-05		1	5.07	50	2.00	5.30	7.10	1.80	0.20	0.08	6.31	11/12/2020	14:25

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	L4702-06		1	5.09	50	2.00	7.10	8.92	1.82	0.18	0.06	4.72	11/12/2020	14:28
14	L4702-07		1	5.04	50	2.00	0.00	1.80	1.80	0.20	0.08	6.35	11/12/2020	14:30
15	L4702-08		1	5.03	50	2.00	1.80	3.58	1.78	0.22	0.10	7.95	11/12/2020	14:32
16	L4715-02		1	5.04	50	2.00	3.58	5.40	1.82	0.18	0.06	4.76	11/12/2020	14:35
17	L4719-04		1	5.05	50	2.00	5.40	7.20	1.80	0.20	0.08	6.34	11/12/2020	14:38
18	L4719-08		1	5.06	50	2.00	7.20	8.98	1.78	0.22	0.10	7.91	11/12/2020	14:40
19	L4719-12		1	5.03	50	2.00	0.00	1.80	1.80	0.20	0.08	6.36	11/12/2020	14:42

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