

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108816

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP83473
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	PB128397BL		1	5.00	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	04/21/2020	13:40
2	L2123-14		1	5.03	50	2.00	1.80	3.64	1.84	0.16	0.00	0.00	04/21/2020	13:42
3	L2123-14DUP		1	5.01	50	2.00	3.64	5.46	1.82	0.18	0.02	1.60	04/21/2020	13:44
4	L2331-08		1	5.06	50	2.00	5.46	7.28	1.82	0.18	0.02	1.58	04/21/2020	13:45
5	L2340-01		1	5.04	50	2.00	0.00	1.78	1.78	0.22	0.06	4.76	04/21/2020	13:50
6	L2340-02		1	5.09	50	2.00	1.78	3.52	1.74	0.26	0.10	7.86	04/21/2020	13:52
7	L2340-03		1	5.02	50	2.00	3.52	5.32	1.80	0.20	0.04	3.19	04/21/2020	13:53
8	L2347-06		1	5.05	50	2.00	5.32	6.98	1.66	0.34	0.18	14.26	04/21/2020	13:55
9	L2351-04		1	5.07	50	2.00	6.98	8.80	1.82	0.18	0.02	1.58	04/21/2020	13:57
10	L2351-08		1	5.01	50	2.00	0.00	1.80	1.80	0.20	0.04	3.19	04/21/2020	14:00
11	L2351-12		1	5.03	50	2.00	1.80	3.38	1.58	0.42	0.26	20.68	04/21/2020	14:02
12	L2353-04		1	5.05	50	2.00	3.38	5.18	1.80	0.20	0.04	3.17	04/21/2020	14:04

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



Analytical Summary Report

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13	L2356-06		1	5.04	50	2.00	5.18	7.00	1.82	0.18	0.02	1.59	04/21/2020	14:05
14	L2357-04		1	5.04	50	2.00	0.00	1.76	1.76	0.24	0.08	6.35	04/21/2020	14:08

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