

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108760

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	PB128255BL		1	5.03	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	04/16/2020	15:30
2	L2272-01		1	5.03	50	2.00	1.84	3.64	1.80	0.20	0.04	3.18	04/16/2020	15:32
3	L2272-01DUP		1	5.01	50	2.00	3.64	5.44	1.80	0.20	0.04	3.19	04/16/2020	15:34
4	L2272-02		1	5.04	50	2.00	5.44	7.26	1.82	0.18	0.02	1.59	04/16/2020	15:35
5	L2284-04		1	5.04	50	2.00	0.00	1.78	1.78	0.22	0.06	4.76	04/16/2020	15:38
6	L2284-08		1	5.01	50	2.00	1.78	3.62	1.84	0.16	0.00	0.00	04/16/2020	15:39
7	L2284-12		1	5.03	50	2.00	3.62	5.42	1.80	0.20	0.04	3.18	04/16/2020	15:41
8	L2284-16		1	5.05	50	2.00	5.42	7.22	1.80	0.20	0.04	3.17	04/16/2020	15:42
9	L2284-20		1	5.06	50	2.00	0.00	1.82	1.82	0.18	0.02	1.58	04/16/2020	15:45
10	L2298-01		1	5.04	50	2.00	1.82	3.60	1.78	0.22	0.06	4.76	04/16/2020	15:46
11	L2300-01		1	5.02	50	2.00	3.60	5.36	1.76	0.24	0.08	6.37	04/16/2020	15:48
12	L2300-02		1	5.04	50	2.00	5.36	7.18	1.82	0.18	0.02	1.59	04/16/2020	15:50

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	L2304-02		1	5.07	50	2.00	0.00	1.80	1.80	0.20	0.04	3.16	04/16/2020	15:53
14	L2304-06		1	5.02	50	2.00	1.80	3.58	1.78	0.22	0.06	4.78	04/16/2020	15:54
15	L2304-10		1	5.04	50	2.00	3.58	5.40	1.82	0.18	0.02	1.59	04/16/2020	15:56
16	L2304-14		1	5.02	50	2.00	5.40	7.18	1.78	0.22	0.06	4.78	04/16/2020	15:58
17	L2306-01		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	04/16/2020	16:01
18	L2307-03		1	5.06	50	2.00	1.84	3.66	1.82	0.18	0.02	1.58	04/16/2020	16:02

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