

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108737

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	PB128251BL		1	5.01	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	04/15/2020	15:10
2	L2115-08		1	5.03	50	2.00	1.84	3.64	1.80	0.20	0.04	3.18	04/15/2020	15:12
3	L2115-08DUP		1	5.03	50	2.00	3.64	5.42	1.78	0.22	0.06	4.77	04/15/2020	15:14
4	L2123-09		1	5.06	50	2.00	5.42	7.24	1.82	0.18	0.02	1.58	04/15/2020	15:15
5	L2252-01		1	5.04	50	2.00	0.00	1.76	1.76	0.24	0.08	6.35	04/15/2020	15:18
6	L2252-02		1	5.02	50	2.00	1.76	3.56	1.80	0.20	0.04	3.19	04/15/2020	15:21
7	L2259-01		1	5.04	50	2.00	3.56	5.32	1.76	0.24	0.08	6.35	04/15/2020	15:22
8	L2259-02		1	5.05	50	2.00	5.32	7.10	1.78	0.22	0.06	4.75	04/15/2020	15:24
9	L2259-03		1	5.06	50	2.00	0.00	1.80	1.80	0.20	0.04	3.16	04/15/2020	15:27
10	L2277-04		1	5.03	50	2.00	1.80	3.62	1.82	0.18	0.02	1.59	04/15/2020	15:28
11	L2278-01		1	5.02	50	2.00	3.62	5.38	1.76	0.24	0.08	6.37	04/15/2020	15:30
12	L2278-02		1	5.03	50	2.00	5.38	7.18	1.80	0.20	0.04	3.18	04/15/2020	15:32

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	L2278-03		1	5.07	50	2.00	0.00	1.84	1.84	0.16	0.00	0.00	04/15/2020	15:35
14	L2281-11		1	5.02	50	2.00	1.84	3.58	1.74	0.26	0.10	7.97	04/15/2020	15:36
15	L2281-14		1	5.03	50	2.00	3.58	5.38	1.80	0.20	0.04	3.18	04/15/2020	15:38

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