

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108780

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	PB128330BL		1	5.00	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	04/17/2020	18:10
2	L2255-06		1	5.03	50	2.00	1.88	3.68	1.80	0.20	0.08	6.36	04/17/2020	18:12
3	L2255-06DUP		1	5.01	50	2.00	3.68	5.50	1.82	0.18	0.06	4.79	04/17/2020	18:14
4	L2287-05		1	5.06	50	2.00	5.50	7.30	1.80	0.20	0.08	6.32	04/17/2020	18:15
5	L2303-01		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.04	3.17	04/17/2020	18:18
6	L2303-03		1	5.02	50	2.00	1.84	3.72	1.88	0.12	0.00	0.00	04/17/2020	18:20
7	L2323-06		1	5.04	50	2.00	3.72	5.54	1.82	0.18	0.06	4.76	04/17/2020	18:21
8	L2323-13		1	5.05	50	2.00	5.54	7.42	1.88	0.12	0.00	0.00	04/17/2020	18:22
9	L2327-03		1	5.06	50	2.00	0.00	1.78	1.78	0.22	0.10	7.91	04/17/2020	18:25
10	L2327-06		1	5.00	50	2.00	1.78	3.62	1.84	0.16	0.04	3.20	04/17/2020	18:26
11	L2327-09		1	5.02	50	2.00	3.62	5.50	1.88	0.12	0.00	0.00	04/17/2020	18:28
12	L2327-12		1	5.08	50	2.00	5.50	7.32	1.82	0.18	0.06	4.72	04/17/2020	18:29

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	L2327-15		1	5.07	50	2.00	0.00	1.80	1.80	0.20	0.08	6.31	04/17/2020	18:32
14	L2327-18		1	5.04	50	2.00	1.80	3.56	1.76	0.24	0.12	9.52	04/17/2020	18:34
15	L2327-21		1	5.09	50	2.00	3.56	5.38	1.82	0.18	0.06	4.72	04/17/2020	18:36
16	L2327-24		1	5.02	50	2.00	5.38	7.14	1.76	0.24	0.12	9.56	04/17/2020	18:38

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