

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108465

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP82689
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	PB127829BL		1	5.00	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	03/26/2020	15:50
2	L1754-04		1	5.03	50	2.00	1.90	3.80	1.90	0.10	0.00	0.00	03/26/2020	15:52
3	L1754-04DUP		1	5.01	50	2.00	3.80	5.66	1.86	0.14	0.04	3.19	03/26/2020	15:54
4	L1757-11		1	5.03	50	2.00	5.66	7.52	1.86	0.14	0.04	3.18	03/26/2020	15:56
5	L2026-01		1	5.04	50	2.00	0.00	1.84	1.84	0.16	0.06	4.76	03/26/2020	16:00
6	L2026-02		1	5.02	50	2.00	1.84	3.64	1.80	0.20	0.10	7.97	03/26/2020	16:02
7	L2026-03		1	5.03	50	2.00	3.64	5.40	1.76	0.24	0.14	11.13	03/26/2020	16:04
8	L2032-02		1	5.08	50	2.00	5.40	7.16	1.76	0.24	0.14	11.02	03/26/2020	16:06
9	L2040-03		1	5.06	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	03/26/2020	16:10
10	L2040-06		1	5.09	50	2.00	1.90	3.74	1.84	0.16	0.06	4.72	03/26/2020	16:12
11	L2040-09		1	5.03	50	2.00	3.74	5.52	1.78	0.22	0.12	9.54	03/26/2020	16:14
12	L2040-12		1	5.05	50	2.00	5.52	7.38	1.86	0.14	0.04	3.17	03/26/2020	16:16

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	L2040-15		1	5.04	50	2.00	0.00	1.86	1.86	0.14	0.04	3.17	03/26/2020	16:20

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