

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108513

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	PB127890BL		1	5.01	50	2.00	0.00	1.90	1.90	0.10	0.00	0.00	03/30/2020	15:58
2	L1758-06		1	5.03	50	2.00	1.90	3.80	1.90	0.10	0.00	0.00	03/30/2020	16:00
3	L1762-25		1	5.03	50	2.00	3.80	5.68	1.88	0.12	0.02	1.59	03/30/2020	16:01
4	L1762-25DUP		1	5.02	50	2.00	5.68	7.54	1.86	0.14	0.04	3.19	03/30/2020	16:03
5	L2053-04		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.02	1.59	03/30/2020	16:07
6	L2053-08		1	5.04	50	2.00	1.88	3.72	1.84	0.16	0.06	4.76	03/30/2020	16:09
7	L2055-05		1	5.02	50	2.00	3.72	5.58	1.86	0.14	0.04	3.19	03/30/2020	16:11
8	L2070-01		1	5.05	50	2.00	5.58	7.42	1.84	0.16	0.06	4.75	03/30/2020	16:13
9	L2070-02		1	5.01	50	2.00	0.00	1.82	1.82	0.18	0.08	6.39	03/30/2020	16:15
10	L2070-03		1	5.00	50	2.00	1.82	3.68	1.86	0.14	0.04	3.20	03/30/2020	16:16
11	L2070-04		1	5.02	50	2.00	3.68	5.52	1.84	0.16	0.06	4.78	03/30/2020	16:18
12	L2072-01		1	5.08	50	2.00	5.52	7.30	1.78	0.22	0.12	9.45	03/30/2020	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



Analytical Summary Report

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13	L2072-02		1	5.07	50	2.00	0.00	1.80	1.80	0.20	0.10	7.89	03/30/2020	16:22

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