

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB108892

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	PB128509BL		1	5.00	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	04/27/2020	15:20
2	L2118-06		1	5.03	50	2.00	1.82	3.62	1.80	0.20	0.02	1.59	04/27/2020	15:22
3	L2118-06DUP		1	5.01	50	2.00	3.62	5.44	1.82	0.18	0.00	0.00	04/27/2020	15:23
4	L2399-04		1	5.06	50	2.00	5.44	7.20	1.76	0.24	0.06	4.74	04/27/2020	15:25
5	L2399-09		1	5.04	50	2.00	0.00	1.72	1.72	0.28	0.10	7.94	04/27/2020	15:28
6	L2401-02		1	5.03	50	2.00	1.72	3.36	1.64	0.36	0.18	14.31	04/27/2020	15:29
7	L2420-01		1	5.04	50	2.00	3.36	4.96	1.60	0.40	0.22	17.46	04/27/2020	15:31
8	L2420-03		1	5.08	50	2.00	4.96	6.66	1.70	0.30	0.12	9.45	04/27/2020	15:32
9	L2420-12		1	5.01	50	2.00	0.00	1.64	1.64	0.36	0.18	14.37	04/27/2020	15:35
10	L2422-02		1	5.07	50	2.00	1.64	3.34	1.70	0.30	0.12	9.47	04/27/2020	15:36

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