

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB107479

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP80247
IODINE SOLUTION .025N 1L	W2508
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	PB126516BL		1	5.00	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	01/31/2020	13:50
2	L1325-02		1	5.01	50	2.00	1.82	3.54	1.72	0.28	0.10	7.98	01/31/2020	13:52
3	L1325-04		1	5.04	50	2.00	3.54	5.22	1.68	0.32	0.14	11.11	01/31/2020	13:54
4	L1325-06		1	5.08	50	2.00	5.22	7.04	1.82	0.18	0.00	0.00	01/31/2020	13:56
5	L1325-08		1	5.06	50	2.00	0.00	1.78	1.78	0.22	0.04	3.16	01/31/2020	14:00
6	L1325-10		1	5.04	50	2.00	1.78	3.48	1.70	0.30	0.12	9.52	01/31/2020	14:02
7	L1333-06		1	5.08	50	2.00	3.48	5.04	1.56	0.44	0.26	20.47	01/31/2020	14:04
8	L1334-01		1	5.09	50	2.00	5.04	6.70	1.66	0.34	0.16	12.57	01/31/2020	14:06
9	L1334-01DUP		1	5.04	50	2.00	6.70	8.38	1.68	0.32	0.14	11.11	01/31/2020	14:08

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