

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB107481

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 Volume (mL)	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	PB126520BL		1	50	50	2.00	0.00	1.82	1.82	0.18	0.00	0.00	01/31/2020	14:20
2	L1334-06		1	50	50	2.00	1.82	3.64	1.82	0.18	0.00	0.00	01/31/2020	14:22
3	L1334-07		1	50	50	2.00	3.64	5.46	1.82	0.18	0.00	0.00	01/31/2020	14:24
4	L1334-08		1	50	50	2.00	5.48	7.26	1.78	0.22	0.04	0.32	01/31/2020	14:26
5	L1334-08DUP		1	50	50	2.00	0.00	1.76	1.76	0.24	0.06	0.48	01/31/2020	14:30

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