

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB105306

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP77620
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	PB123351BL		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	09/24/2019	16:08
2	K4664-13		1	5.02	50	2.00	1.88	3.46	1.58	0.42	0.30	23.90	09/24/2019	16:10
3	K4664-13DUP		1	5.04	50	2.00	3.46	5.06	1.60	0.40	0.28	22.22	09/24/2019	16:13
4	K4668-15		1	5.01	50	2.00	5.32	7.12	1.80	0.20	0.08	6.39	09/24/2019	16:14
5	K5010-01		1	5.00	50	2.00	7.12	8.97	1.85	0.15	0.03	2.40	09/24/2019	16:15

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