

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB105435

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 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	PB123569BL		1	50	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	10/02/2019	13:32
2	K4660-04		1	50	50	2.00	1.88	3.70	1.82	0.18	0.06	0.48	10/02/2019	13:35
3	K4660-04DUP		1	50	50	2.00	3.70	5.54	1.84	0.16	0.04	0.32	10/02/2019	13:38
4	K5095-04		1	50	50	2.00	5.54	7.34	1.80	0.20	0.08	0.64	10/02/2019	13:42
5	K5095-05		1	50	50	2.00	7.34	9.12	1.78	0.22	0.10	0.80	10/02/2019	13:45

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