

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB105115

ANALYST: AMANDEEP
 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	PB123083BL		1	5.00	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	09/13/2019	13:04
2	K4668-07		1	5.03	50	2.00	1.96	3.82	1.86	0.14	0.10	7.95	09/13/2019	13:04
3	K4846-11		1	5.05	50	2.00	3.82	5.62	1.80	0.20	0.16	12.67	09/13/2019	13:05
4	K4846-12		1	5.00	50	2.00	5.62	7.36	1.74	0.26	0.22	17.60	09/13/2019	13:05
5	K4846-13		1	5.03	50	2.00	7.36	9.16	1.80	0.20	0.16	12.72	09/13/2019	13:06
6	K4846-14		1	5.04	50	2.00	0.00	1.94	1.94	0.06	0.02	1.59	09/13/2019	13:07
7	K4846-15		1	5.06	50	2.00	2.16	3.80	1.64	0.36	0.32	25.30	09/13/2019	13:07
8	K4846-15DUP		1	5.05	50	2.00	3.80	5.42	1.62	0.38	0.34	26.93	09/13/2019	13:08

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