

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB105116

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 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	PB123084BL		1	50	50	2.00	3.76	5.72	1.96	0.04	0.00	0.00	09/13/2019	13:09
2	K4859-01		1	50	50	2.00	5.72	7.62	1.90	0.10	0.06	0.48	09/13/2019	13:10
3	K4859-02		1	50	50	2.00	7.96	9.54	1.58	0.42	0.38	3.04	09/13/2019	13:10
4	K4859-03		1	50	50	2.00	0.00	1.80	1.80	0.20	0.16	1.28	09/13/2019	13:11
5	K4859-04		1	50	50	2.00	1.80	3.44	1.64	0.36	0.32	2.56	09/13/2019	13:12
6	K4859-05		1	50	50	2.00	3.44	5.20	1.76	0.24	0.20	1.60	09/13/2019	13:12
7	K4859-06		1	50	50	2.00	5.20	6.86	1.66	0.34	0.30	2.40	09/13/2019	13:13
8	K4866-02		1	50	50	2.00	6.86	8.56	1.70	0.30	0.26	2.08	09/13/2019	13:14
9	K4866-07		1	50	50	2.00	1.08	2.90	1.82	0.18	0.14	1.12	09/13/2019	13:15
10	K4866-07DUP		1	50	50	2.00	2.90	4.70	1.80	0.20	0.16	1.28	09/13/2019	13:15

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