

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB105407

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	PB123524BL		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.00	0.00	10/01/2019	15:10
2	K4659-03		1	5.02	50	2.00	1.88	3.72	1.84	0.16	0.04	3.19	10/01/2019	15:12
3	K4659-03DUP		1	5.04	50	2.00	3.72	5.58	1.86	0.14	0.02	1.59	10/01/2019	15:15
4	K4659-06		1	5.01	50	2.00	5.58	7.42	1.84	0.16	0.04	3.19	10/01/2019	15:18
5	K4663-12		1	5.00	50	2.00	7.42	9.24	1.82	0.18	0.06	4.80	10/01/2019	15:20
6	K4946-16		1	5.03	50	2.00	0.00	1.82	1.82	0.18	0.06	4.77	10/01/2019	15:22
7	K4946-21		1	5.02	50	2.00	1.82	3.34	1.52	0.48	0.36	28.69	10/01/2019	15:25
8	K5095-01		1	5.04	50	2.00	3.34	5.18	1.84	0.16	0.04	3.17	10/01/2019	15:27
9	K5095-02		1	5.01	50	2.00	5.18	6.72	1.54	0.46	0.34	27.15	10/01/2019	15:29
10	K5095-03		1	5.02	50	2.00	6.72	8.44	1.72	0.28	0.16	12.75	10/01/2019	15:32

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