

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB104721

ANALYST: ketankumar
 SUPERVISOR REVIEW BY: AMANDEEP
 Constant: 16000
 Normality1: 0.025
 Normality2: 0.025

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP76826
IODINE SOLUTION .025N 1L	W2480
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	PB122433BL		1	5.01	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	08/21/2019	14:30
2	K4086-04		1	5.02	50	2.00	1.92	3.80	1.88	0.12	0.04	3.19	08/21/2019	14:32
3	K4086-04DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	08/21/2019	14:35
4	K4418-05		1	5.00	50	2.00	5.70	7.56	1.86	0.14	0.06	4.80	08/21/2019	14:38
5	K4421-15		1	5.02	50	2.00	0.00	1.90	1.90	0.10	0.02	1.59	08/21/2019	14:40
6	K4421-16		1	5.03	50	2.00	1.90	3.78	1.88	0.12	0.04	3.18	08/21/2019	14:42
7	K4421-17		1	5.06	50	2.00	3.78	5.62	1.84	0.16	0.08	6.32	08/21/2019	14:45
8	K4421-18		1	5.02	50	2.00	5.62	7.44	1.82	0.18	0.10	7.97	08/21/2019	14:48
9	K4421-19		1	5.04	50	2.00	0.00	1.88	1.88	0.12	0.04	3.17	08/21/2019	14:52
10	K4421-20		1	5.02	50	2.00	1.88	3.72	1.84	0.16	0.08	6.37	08/21/2019	14:55
11	K4421-21		1	5.03	50	2.00	3.72	5.62	1.90	0.10	0.02	1.59	08/21/2019	14:58

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