

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103035

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP73671
IODINE SOLUTION .025N 1L	W2479
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	PB120127BL		1	5.03	50	2.00	0.00	1.96	1.96	0.04	0.00	0.00	05/28/2019	13:32
2	K3041-08		1	5.02	50	2.00	1.96	3.90	1.94	0.06	0.02	1.59	05/28/2019	13:35
3	K3041-08DUP		1	5.04	50	2.00	3.90	5.82	1.92	0.08	0.04	3.17	05/28/2019	13:38
4	K3041-12		1	5.05	50	2.00	0.00	1.90	1.90	0.10	0.06	4.75	05/28/2019	13:42
5	K3053-03		1	5.00	50	2.00	1.90	3.79	1.89	0.11	0.07	5.60	05/28/2019	13:45
6	K3054-08		1	5.02	50	2.00	3.79	5.57	1.78	0.22	0.18	14.34	05/28/2019	13:48
7	K3065-13		1	5.03	50	2.00	5.57	7.49	1.92	0.08	0.04	3.18	05/28/2019	13:52
8	K3065-14		1	5.02	50	2.00	0.00	1.76	1.76	0.24	0.20	15.94	05/28/2019	13:55
9	K3065-15		1	5.01	50	2.00	1.76	3.70	1.94	0.06	0.02	1.60	05/28/2019	13:58
10	K3065-16		1	5.04	50	2.00	0.00	1.94	1.94	0.06	0.02	1.59	05/28/2019	14:02
11	K3065-17		1	5.02	50	2.00	1.94	3.82	1.88	0.12	0.08	6.37	05/28/2019	14:05
12	K3065-18		1	5.01	50	2.00	3.82	5.76	1.94	0.06	0.02	1.60	05/28/2019	14:08

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