

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103484

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	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	PB120725BL		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	06/18/2019	14:35
2	K3157-02		1	5.02	50	2.00	1.92	3.82	1.90	0.10	0.02	1.59	06/18/2019	14:38
3	K3157-02DUP		1	5.04	50	2.00	3.82	5.70	1.88	0.12	0.04	3.17	06/18/2019	14:42
4	K3157-04		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	06/18/2019	14:45
5	K3157-06		1	5.00	50	2.00	7.56	9.40	1.84	0.16	0.08	6.40	06/18/2019	14:48
6	K3157-08		1	5.02	50	2.00	0.00	1.88	1.88	0.12	0.04	3.19	06/18/2019	14:52
7	K3157-10		1	5.03	50	2.00	1.88	3.70	1.82	0.18	0.10	7.95	06/18/2019	14:55
8	K3158-04		1	5.01	50	2.00	3.70	5.56	1.86	0.14	0.06	4.79	06/18/2019	14:58
9	K3163-10		1	5.04	50	2.00	5.56	7.46	1.90	0.10	0.02	1.59	06/18/2019	15:02
10	K3163-12		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.06	4.78	06/18/2019	15:05
11	K3421-04		1	5.03	50	2.00	1.86	3.74	1.88	0.12	0.04	3.18	06/18/2019	15:08
12	K3421-08		1	5.00	50	2.00	3.74	5.60	1.86	0.14	0.06	4.80	06/18/2019	15:10

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