

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103428

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	PB120636BL		1	5.02	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	06/14/2019	14:05
2	K3351-02		1	5.02	50	2.00	1.86	3.70	1.84	0.16	0.02	1.59	06/14/2019	14:08
3	K3351-02DUP		1	5.04	50	2.00	3.70	5.52	1.82	0.18	0.04	3.17	06/14/2019	14:12
4	K3351-04		1	5.05	50	2.00	0.00	1.82	1.82	0.18	0.04	3.17	06/14/2019	14:15
5	K3351-06		1	5.02	50	2.00	1.82	3.60	1.78	0.22	0.08	6.37	06/14/2019	14:18
6	K3351-08		1	5.03	50	2.00	3.60	5.30	1.70	0.30	0.16	12.72	06/14/2019	14:22
7	K3352-02		1	5.06	50	2.00	5.30	7.10	1.80	0.20	0.06	4.74	06/14/2019	14:25
8	K3352-04		1	5.02	50	2.00	0.00	1.72	1.72	0.28	0.14	11.16	06/14/2019	14:28
9	K3366-02		1	5.03	50	2.00	1.72	3.56	1.84	0.16	0.02	1.59	06/14/2019	14:32
10	K3368-01		1	5.04	50	2.00	3.56	5.38	1.82	0.18	0.04	3.17	06/14/2019	14:35
11	K3370-01		1	5.05	50	2.00	5.38	7.18	1.80	0.20	0.06	4.75	06/14/2019	14:38

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