

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103219

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	PB120339BL		1	5.02	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	06/05/2019	12:32
2	K2638-03		1	5.02	50	2.00	1.92	3.80	1.88	0.12	0.04	3.19	06/05/2019	12:35
3	K2638-03DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	06/05/2019	12:38
4	K3151-02		1	5.05	50	2.00	5.70	7.56	1.86	0.14	0.06	4.75	06/05/2019	12:42
5	K3151-04		1	5.00	50	2.00	0.00	1.88	1.88	0.12	0.04	3.20	06/05/2019	12:45
6	K3151-06		1	5.02	50	2.00	1.88	3.62	1.74	0.26	0.18	14.34	06/05/2019	12:48
7	K3163-02		1	5.03	50	2.00	3.62	5.48	1.86	0.14	0.06	4.77	06/05/2019	12:52
8	K3163-04		1	5.02	50	2.00	5.48	7.34	1.86	0.14	0.06	4.78	06/05/2019	12:55
9	K3182-05		1	5.03	50	2.00	0.00	1.88	1.88	0.12	0.04	3.18	06/05/2019	12:58
10	K3182-06		1	5.01	50	2.00	1.88	3.66	1.78	0.22	0.14	11.18	06/05/2019	13:02

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