

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103141

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	PB120246BL		1	5.03	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	05/31/2019	12:15
2	K2639-06		1	5.02	50	2.00	1.86	3.70	1.84	0.16	0.02	1.59	05/31/2019	12:18
3	K2639-06DUP		1	5.04	50	2.00	3.70	5.52	1.82	0.18	0.04	3.17	05/31/2019	12:22
4	K2639-08		1	5.05	50	2.00	5.52	7.32	1.80	0.20	0.06	4.75	05/31/2019	12:25
5	K3104-11		1	5.00	50	2.00	7.32	9.06	1.74	0.26	0.12	9.60	05/31/2019	12:28
6	K3105-02		1	5.02	50	2.00	0.00	1.74	1.74	0.26	0.12	9.56	05/31/2019	12:32
7	K3105-04		1	5.03	50	2.00	1.74	3.56	1.82	0.18	0.04	3.18	05/31/2019	12:35
8	K3105-06		1	5.01	50	2.00	3.56	5.40	1.84	0.16	0.02	1.60	05/31/2019	12:38
9	K3105-08		1	5.03	50	2.00	5.40	7.20	1.80	0.20	0.06	4.77	05/31/2019	12:42
10	K3105-10		1	5.02	50	2.00	7.20	9.02	1.82	0.18	0.04	3.19	05/31/2019	12:45
11	K3124-06		1	5.04	50	2.00	0.00	1.72	1.72	0.28	0.14	11.11	05/31/2019	12:48
12	K3124-10		1	5.02	50	2.00	1.72	3.56	1.84	0.16	0.02	1.59	05/31/2019	12:52

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