

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB105387

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

Reagent/Standard	Lot/Log #
Sodium thiosulfate titrant 0.025N	WP77620
IODINE SOLUTION .025N 1L	W2508
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	PB123494BL		1	5.01	50	2.00	0.00	1.86	1.86	0.14	0.00	0.00	09/30/2019	12:35
2	K4668-19		1	5.05	50	2.00	1.86	3.66	1.80	0.20	0.06	4.75	09/30/2019	12:38
3	K4668-19DUP		1	5.04	50	2.00	3.66	5.48	1.82	0.18	0.04	3.17	09/30/2019	12:42
4	K5064-01		1	5.05	50	2.00	5.48	7.30	1.82	0.18	0.04	3.17	09/30/2019	12:45
5	K5079-04		1	5.00	50	2.00	0.00	1.84	1.84	0.16	0.02	1.60	09/30/2019	12:48
6	K5093-07		1	5.03	50	2.00	1.84	3.64	1.80	0.20	0.06	4.77	09/30/2019	12:52
7	K5093-08		1	5.02	50	2.00	3.64	5.46	1.82	0.18	0.04	3.19	09/30/2019	12:55
8	K5093-09		1	5.04	50	2.00	5.46	7.24	1.78	0.22	0.08	6.35	09/30/2019	12:58
9	K5094-06		1	5.02	50	2.00	0.00	1.84	1.84	0.16	0.02	1.59	09/30/2019	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