

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103110

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	PB120200BL		1	5.03	50	2.00	0.00	1.92	1.92	0.08	0.00	0.00	05/30/2019	14:05
2	K2642-08		1	5.02	50	2.00	1.92	3.80	1.88	0.12	0.04	3.19	05/30/2019	14:08
3	K2642-08DUP		1	5.04	50	2.00	3.80	5.70	1.90	0.10	0.02	1.59	05/30/2019	14:12
4	K2648-04		1	5.05	50	2.00	0.00	1.78	1.78	0.22	0.14	11.09	05/30/2019	14:15
5	K3090-04		1	5.00	50	2.00	1.78	3.66	1.88	0.12	0.04	3.20	05/30/2019	14:18
6	K3090-10		1	5.02	50	2.00	3.66	5.46	1.80	0.20	0.12	9.56	05/30/2019	14:22

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