

Analysis Method: 9034
 Parameter: Reactive Sulfide
 Run Number: LB103596

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	PB120865BL		1	5.03	50	2.00	0.00	1.78	1.78	0.22	0.00	0.00	06/24/2019	14:32
2	K3482-02		1	5.02	50	2.00	1.78	3.54	1.76	0.24	0.02	1.59	06/24/2019	14:35
3	K3482-02DUP		1	5.04	50	2.00	3.54	5.28	1.74	0.26	0.04	3.17	06/24/2019	14:38
4	K3482-04		1	5.05	50	2.00	5.28	6.98	1.70	0.30	0.08	6.34	06/24/2019	14:42
5	K3482-06		1	5.00	50	2.00	6.98	8.70	1.72	0.28	0.06	4.80	06/24/2019	14:45
6	K3482-08		1	5.02	50	2.00	0.00	1.74	1.74	0.26	0.04	3.19	06/24/2019	14:48

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